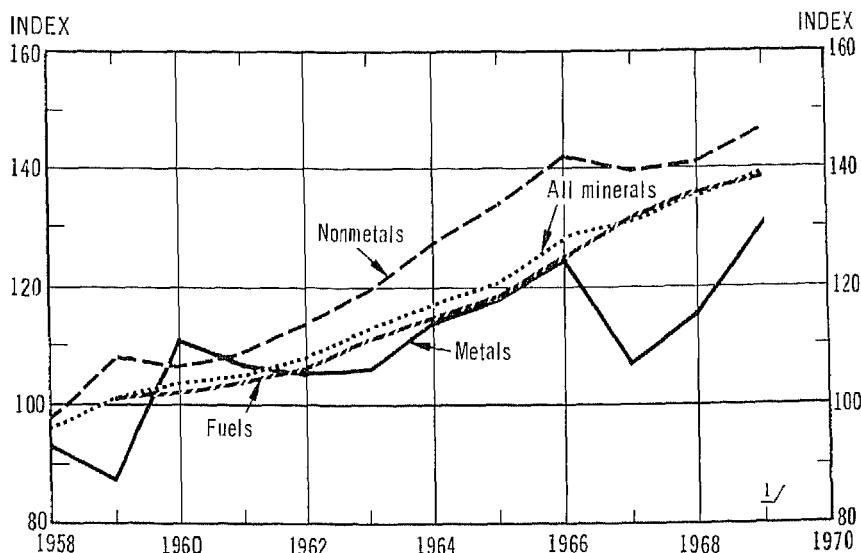


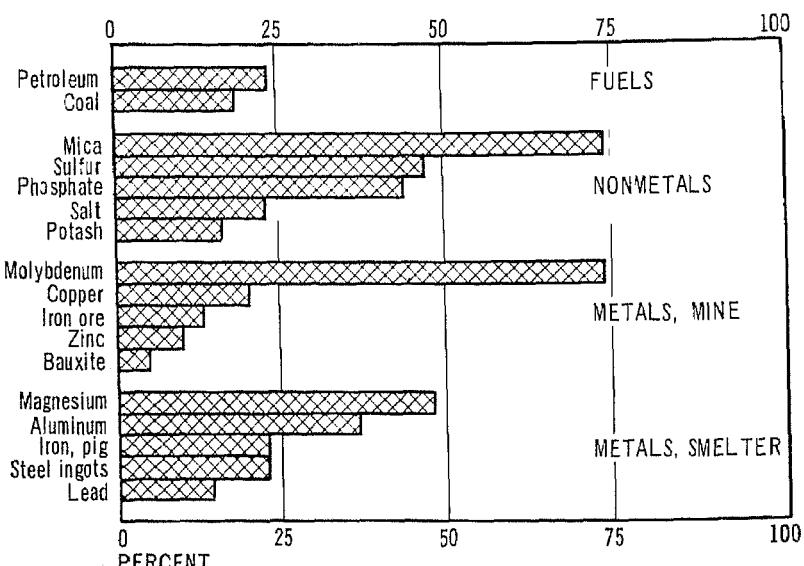
FIG. XXXIX. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION:
1958 TO 1969
[1957-59=100. See table 1022]



¹ Preliminary.

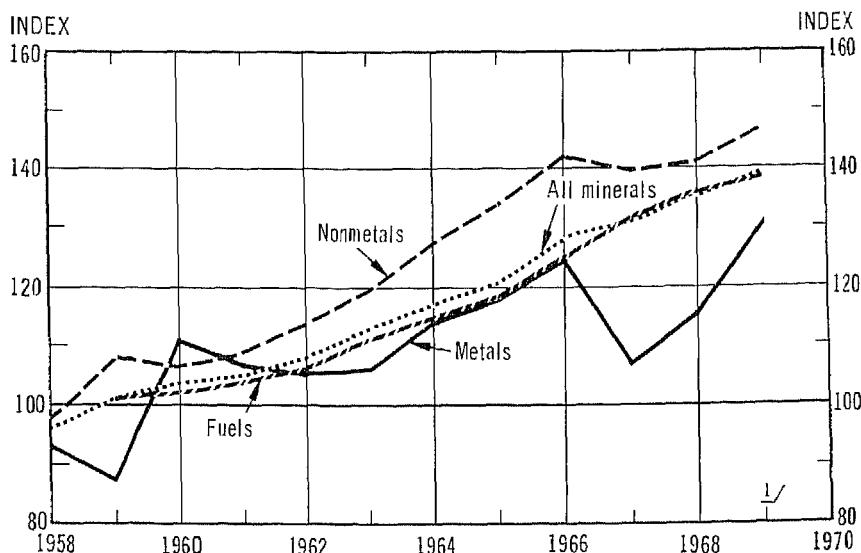
Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

FIG. XL. U.S. MINERAL PRODUCTION AS PERCENT OF WORLD TOTAL: 1968
[See table 1026]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

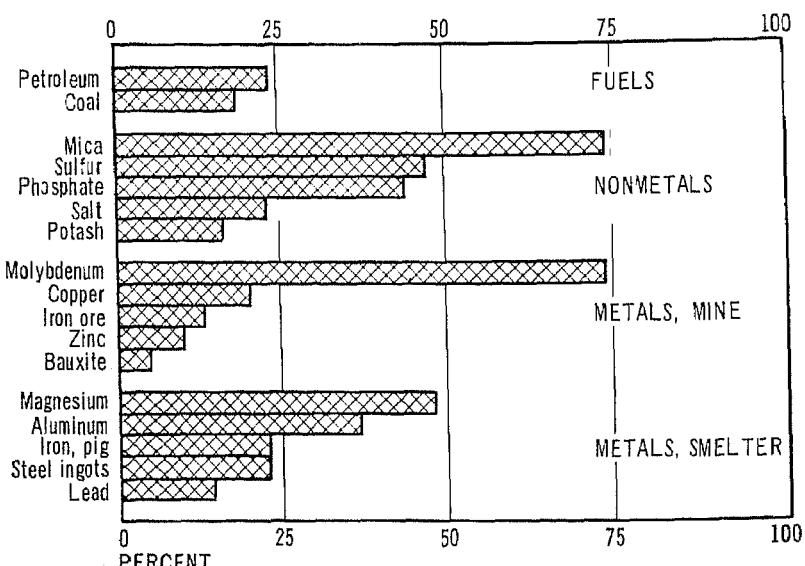
FIG. XXXIX. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION:
1958 TO 1969
[1957-59=100. See table 1022]



¹ Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

FIG. XL. U.S. MINERAL PRODUCTION AS PERCENT OF WORLD TOTAL: 1968
[See table 1026]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

Section 26

Mining and Mineral Products

This section presents statistics relating to the mineral industries and mineral products. The data are arranged in four broad groupings: General summary statistics, fuels, nonmetals other than fuels, and metals. Summary measures of production and employment are presented for mining and its products. More detailed data on value and quantity of production, prices, imports and exports, consumption, and distribution are shown for specific mineral industries and products.

The principal source of these data is the *Minerals Yearbook*, published by the Bureau of Mines, Department of the Interior. It consists of volume I-II, *Metals, Minerals, and Fuels*; volume III, *Area Reports—Domestic*; and volume IV, *Area Reports—International*. Other government sources are the Census of Mineral Industries, conducted every 5 years by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics*; and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Non-government sources include the *Engineering and Mining Journal*, issued monthly by the McGraw-Hill Publishing Co., New York, and *The Iron Age*, issued weekly by the Chilton Co., Philadelphia.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the United States Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantity and value of minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes data on man-hours, active days, length of shift, and accidents.

Decennial censuses of mineral industries were conducted by the Bureau of the Census from 1840 to 1940. Censuses were taken again for the years 1954, 1958, 1963, and 1967. The 1963 census is the most recent for which complete data are available. For scheduled release dates of 1967 census reports, see "Publications of Recent Censuses" in Appendix III of this book. The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, and labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series.

Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, and on aluminum, magnesium, copper, clay, and other manufactured mineral products appear in section 28, Manufactures; summary data for outlying areas of the United States appear in section 31; and selected data on an international basis are presented in section 32.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1024. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between conterminous United States and outlying areas.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 1021. VALUE OF MINERAL PRODUCTION: 1931 TO 1969

[In millions of dollars. Prior to 1953, excludes Alaska and Hawaii. Includes some products, as cement, lime, and natural gas liquids in all years, and, through 1946, heavy clay products; also, nonferrous metals are valued at the refined price. See also *Historical Statistics, Colonial Times to 1957*, series M 13-14, M 20, and M 30]

YEARLY AVERAGE	Total	Metals	Non-metals	Fuels ¹	YEAR	Total	Metals	Non-metals	Fuels ¹
1931-1935	2,463	252	520	1,691	1960	18,032	2,022	3,868	12,142
1936-1940	3,879	623	711	2,545	1963	19,035	2,002	4,316	13,317
1941-1945	6,840	910	937	3,993	1964	20,812	2,366	4,623	13,023
1946-1950	10,277	1,007	1,503	7,678	1966	21,524	2,544	4,933	14,047
1951-1955	14,285	1,734	2,480	10,070	1967	22,908	2,703	5,176	16,088
1956-1960	17,557	1,936	3,595	12,026	1968	23,734	2,833	5,205	16,195
1961-1965	19,768	2,155	4,387	13,226	1969 (prel.)	24,974	2,703	5,452	16,820
						26,878	3,293	5,583	18,002

¹ Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1022. BUREAU OF MINES INDEX AND CONSTANT DOLLAR VALUE OF MINERAL PRODUCTION: 1955 TO 1969

[Value in millions of dollars. Includes Puerto Rico and outlying areas of United States. See *Historical Statistics, Colonial Times to 1957*, series M 51-62, for indexes of physical volume on 1947-49 base]

YEAR	PHYSICAL VOLUME OF PRODUCTION (1957-59=100)				VALUE OF MINERAL PRODUCTION IN CONSTANT (1957-59) DOLLARS ¹			
	All minerals	Metals	Non-metals	Fuels	All minerals	Metals	Non-metals	Fuels
1955	98.4	116.5	91.3	98.1	16,993	1,991	3,259	11,743
1956	103.3	120.0	95.4	103.5	18,020	2,122	3,408	12,496
1957	96.0	92.8	97.5	96.0	16,819	1,642	3,483	11,694
1958	100.7	87.2	107.1	100.5	17,506	1,639	3,823	12,144
1959								
1960	103.3	110.8	105.8	101.6	18,004	1,953	3,774	12,277
1961	104.5	106.4	108.3	103.1	18,209	1,875	3,865	12,469
1962	107.4	105.0	113.3	108.0	18,717	1,850	4,044	12,823
1963	112.2	105.7	119.4	110.8	19,668	1,078	4,266	13,424
1964	116.7	113.9	126.9	114.0	20,466	2,098	4,537	13,831
1965	120.7	117.3	133.5	117.3	21,200	2,132	4,836	14,232
1966	127.8	124.2	141.7	124.1	22,312	2,258	4,972	15,082
1967	130.5	106.1	139.1	131.1	22,866	1,049	4,030	15,987
1968	135.2	115.4	141.0	135.8	23,634	2,138	5,086	16,410
1969 (prel.)	139.3	131.2	147.0	138.0	24,327	2,364	5,232	16,731

NA Not available. ¹ Values deflated by the index of implicit unit value.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1023. FEDERAL RESERVE BOARD PRODUCTION INDEXES—MINING AND METALS: 1950 TO 1969

[1957-59=100. See *Historical Statistics, Colonial Times to 1957*, series M 63-66, for indexes on 1947-49 base]

ITEM	1950	1955	1960	1965	1966	1967	1968	1969 (prel.)
Mining	83	99	102	115	121	124	127	130
Coal, oil, and gas	85	100	100	113	118	123	125	127
Coal	126	110	94	113	117	120	118	118
Crude oil	77	98	101	112	119	126	131	132
Gas and gas liquids	61	88	113	143	152	164	175	184
Metal, stone, and earth minerals	75	96	111	126	134	129	133	144
Metal mining	91	104	112	124	133	120	126	142
Stone and earth minerals	65	91	110	127	134	135	138	145
Metals:								
Primary metals	100	118	101	138	143	133	137	149
Iron and steel	103	121	101	134	136	127	131	140
Nonferrous metals and products	86	108	103	152	166	153	160	181

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957-59 Base*, and *Federal Reserve Bulletin*.

No. 1024. MINERAL PRODUCTION, 1960 TO 1968, AND PRINCIPAL PRODUCING STATES, 1968

[Value in thousands of dollars. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). See *Historical Statistics, Colonial Times to 1957*, series M. 13-37, for selected values.]

MINERAL	1968				1967				1966				1965				1960			
	Quantity	Value	Quantity	Value																
Total mineral production																				
Mineral fuels																				
Asphalt and related bitumens (native): Bituminous	(X)	18,632,000	(X)	21,524,000	(X)	14,047,000	(X)	23,734,000	(X)	16,195,000	(X)	24,974,000	(X)	16,820,000	(X)	24,974,000	(X)	16,820,000	(X)	
Limestone and sandstone and gysomite, short tons.	13,060	1,911,664	9,461	8,866,666	8,136	1,786,840	8,118,027	1,142,374	8,165	1,142,374	1,118,027	1,118,027	1,118,027	1,118,027	1,118,027	1,118,027	1,118,027	1,118,027	1,118,027	
Carbon dioxide, natural (estimate).....	1,173,676	99	1,173,676	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374	1,142,374		
Coal:																				
Bituminous and lignite 1.....	415,512	1,950,425	512,068	2,276,022	552,626	2,555,377	545,245	2,546,340	545,245	2,546,340	545,245	2,546,340	545,245	2,546,340	545,245	2,546,340	545,245	2,546,340	545,245	
Pennsylvania anthracite.....	18,817	147,116	14,586	122,021	122,256	96,160	11,401	97,245	96,160	97,245	96,160	97,245	96,160	97,245	96,160	97,245	96,160	97,245	96,160	
Heating 2.....	475,159	7,768	4,385,894	68,728	4,712,300	72,457	4,854,800	73,165	4,712,300	72,457	4,854,800	73,165	4,854,800	73,165	4,854,800	73,165	4,854,800	73,165	4,854,800	73,165
Natural gas.....	1,039,753	16,039,753	2,494,642	18,171,325	2,898,741	19,322,400	3,188,688	19,322,400	2,898,741	18,171,325	2,898,741	19,322,400	3,188,688	2,898,741	18,171,325	2,898,741	19,322,400	3,188,688	2,898,741	18,171,325
Natural-gas liquids:																				
Natural gasoline and cycle products																				
1,000 (42 gal.) bbl.....	416,819	173,525	494,384	187,840	546,927	193,049	571,679	193,049	546,927	193,049	571,679	193,049	571,679	193,049	571,679	193,049	571,679	193,049	571,679	
LP-gases.....	201,049	391,566	268,030	417,249	326,616	632,984	351,592	552,335	326,616	632,984	351,592	552,335	326,616	632,984	351,592	552,335	326,616	632,984	351,592	
Petroleum (crude).....	574,889	5,138	603,746	6,080	619,687	6,782	619,687	6,782	619,687	6,782	619,687	6,782	619,687	6,782	619,687	6,782	619,687	6,782	619,687	
Nonmetallic minerals (except fuels):																				
Nonmetallic stone 1:																				
Asbestos.....	4,933,000	(X)	4,933,000	(X)	5,206,000	(X)	5,206,000	(X)												
Barites.....	420	432	432	2,701	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574
Boron minerals.....	45,233	4,231	118,753	10,192	123,189	11,604	120,690	10,406	123,189	11,604	120,690	10,406	123,189	11,604	120,690	10,406	123,189	11,604	120,690	
Bromine.....	45,233	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	8,674	
Cadmium-magnesium chloride.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Cement:																				
Portland.....	321,646	1,089,134	{	326,802	1,154,448	365,570	1,148,268	388,525	1,148,268	365,570	1,148,268	388,525	1,148,268	388,525	1,148,268	388,525	1,148,268	388,525	1,148,268	388,525
Masonry.....	1,000 (376 bbl.) bbl.....																			
Natural and slag.....	1,000 short tons.....	1,000 short tons.....																		
Clays:																				
Clay.....	49,060	102,411	55,125	1,027	94	54,664	223,987	57,233	223,987	57,233	223,987	57,233	223,987	57,233	223,987	57,233	223,987	57,233	223,987	57,233
Feldspar.....	8,168	142	10,720	204	204	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Phosphorite.....	502,830	4,779	624,589	6,263	615,397	7,036	667,797	8,265	615,397	7,036	667,797	8,265	615,397	7,036	667,797	8,265	615,397	7,036	667,797	8,265
Garnet (abrasive):																				
Garnet stones (estimate).....	10,522	986	19,330	1,717	20,494	1,849	22,136	1,922	20,494	1,849	22,136	1,922	20,494	1,849	22,136	1,922	20,494	1,849	22,136	1,922
Gypsum.....	9,825	35,188	10,033	37,218	10,430	34,383	10,018	34,383	10,430	34,383	10,018	34,383	10,018	34,383	10,018	34,383	10,018	34,383	10,018	
Lime.....	12,935	172,731	16,794	232,939	17,935	232,939	16,794	232,939	17,935	232,939	16,794	232,939	16,794	232,939	16,794	232,939	16,794	232,939	16,794	

See footnotes at end of table.

No. 1024. MINERAL PRODUCTION, 1960 to 1968, AND PRINCIPAL PRODUCING STATES, 1968—Continued

[Value in thousands of dollars]

MINERAL	1960			1965			1967			1968		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Nonmetallic minerals (except fuels)—Continued												
Magnesium compounds from sea water and brines (except for metal) short tons (MgO equivalent) -	268,454	21,903	637,887	47,197	544,428	41,883	525,210	43,449	Mich., Tex., Calif., N.J.			
Metals—	97,912	2,698	120,255	3,468	118,603	2,576	125,233	3,014	N.C., Ala., Ga., S.C.			
Scrap—	3,108	716,086	185	20,500	(*)	16,000	(*)	(*)	N.C.			
Sheet—	587,401											
short tons—												
Perlite—	2,665	392,384	3,352	413,001	3,973	427,574	4,221	N. Mex., Ariz., Nev., Calif.				
Phosphate rock—	117,041	28,482	163,323	39,770	265,947	41,251	260,692	250,692	Fla., Idaho, Tenn., N.C.			
Potassium salts—	2,638	89,676	3,140	129,767	3,296	105,313	2,722	75,664	N. Mex., Utah, Calif., Mich.			
Pumice—	2,210	5,569	3,711	6,550	3,446	5,131	3,530	5,570	Ariz., Calif., Oreg., Hawaii.			
Pyrates—	1,016	7,936	875	5,333	861	7,943	872	(4)	Tenn., Pa., Colo., Ariz.			
Salt (common) —	161,140	34,187	215,689	38,946	251,210	41,274	272,295	272,295	La., Tex., Ohio, N.Y.			
Sand and gravel—	720,432	908,049	937,416	907,046	981,748	917,739	1,020,336	1,020,336	Calif., Mich., Ohio, Ill.			
Sodium carbonate (natural) —	20,885	1,494,105	34,717	1,726,071	40,639	2,043,405	42,104	42,104	Wyo., Calif.			
Sodium sulfate (natural) —	8,706	619,752	11,024	636,843	10,710	699,706	12,720	12,720	Calif., Tex., Wyo.			
Stone—	610,784	602,555	780,242	1,263,831	755,592	1,240,244	819,403	1,317,753	Pa., Ill., Tex., Ohio.			
Sulfur:												
Frasch-process mines—	115,494	7,251	164,654	7,682	251,870	6,645	268,145	268,145	La., Tex.			
Other mines—	181	1,732	3	11	1	3	3	3	Calif.			
Talc, soapstone, and pyrophyllite—	734,473	5,378	862,875	6,343	902,512	6,871	988,262	6,656	N.Y., Calif., Vt., Tex.			
Tripoli—	577,713	2,447	77,138	381	70,984	377	85,534	736	Ill., Okla., Ark., Pa.			
Vermiculite—	1,198	3,198	249	4,460	235	4,974	290	5,684	Mont., S.C., Tex., Ariz.			
Nonmetallic minerals, undistributed—	(3)	44,715	(X)	66,028	(X)	55,754	(X)	79,359	(X)			

Metal	(X)	2,022,000	(X)	2,544,000	(X)	2,323,000	(X)	2,703,000
Antimony ore and concentrate								
short tons (antimony content)	635	(^a)	845	(^b)	892	(^c)	856	(^d)
Bauxite	1,988	21,107	1,654	18,632	1,654	19,079	1,665	23,752
Erythium concentrate	509	162	(D)	(D)	(D)	(D)	168	81
Copper (recoverable content of ores, etc.)	1,080,169	693,468	1,351,734	957,028	954,064	729,401	1,204,621	1,008,195
Gold (recoverable content of ores, etc.)	666,722	58,338	1,705,90	59,632	1,584,187	55,447	1,478,202	58,038
Iron ore, usable (excluding byproduct iron smelted)	82,968	724,131	84,078	801,388	82,415	817,511	81,924	886,433
Lead (recoverable content of ores, etc.)	246,669	57,722	301,147	93,959	316,381	88,741	359,156	94,903
Manganese ore (35 percent or more Mn)	80,021	5,352	29,258	(^e)	12,385	(^f)	11,378	(^g)
Manganiferous ore (5 to 35 percent Mn)	658,455	4,466	332,763	(^b)	289,160	(^c)	244,590	(^d)
short tons (gross weight)	33,223	7,062	19,582	11,176	23,784	11,639	28,874	15,464
76-pound flasks	69,941	8,406	77,510	120,801	81,596	135,604	93,245	151,000
1,000 pounds								
Molybdenum (content of concentrate)	14,079	(^b)	16,188	(^c)	15,287	(^f)	17,284	(^g)
Nickel (recoverable content of ores, etc.)	30,766	27,846	38,806	51,469	32,345	50,135	32,720	70,191
Silver (recoverable content of ores, etc.)	10	12	47	126	(^b)	(^c)	(^f)	(^g)
Tin content of concentrate	789,237	14,655	948,332	18,058	882,414	18,519	960,118	19,484
Titanium concentrate:								
Ilmenite	9,226	957	(^b)	(^c)	(^f)	(^g)		
Rutile								
Uranium ore and concentrate								
short tons (60 percent WO ₃ basis)	7,325	9,815	7,349	13,028	9,088	20,395	10,704	25,197
Uranium (recoverable content in one and concentrate)	15,940	162,188	16,727	187,828	20,655	185,239	24,138	182,698
Vanadium (recoverable content of ores, etc.)	4,971	17,749	5,226	18,284	4,963	21,331	6,483	23,143
Zinc (recoverable content of ores, etc.)	435,427	112,385	611,153	178,284	549,413	151,562	529,446	142,950
Metals, undistributed ^h	(S)	26,801	(X)	44,804	(X)	50,190	(X)	51,030

^a Withheld to avoid disclosing individual company data.
^b Not applicable. ^c X Not applicable.

^d Includes small quantity of anthracite mined in States other than Pennsylvania.
^e 1960, refined only; thereafter, crude and refined.

^f Grindstones, pulpsstones, milestones (weight not recorded), grinding pebbles, sharpening stones, and hub-mill liners.

^g Value included in "Nonmetallic minerals, undistributed."

^h Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all measured elsewhere in table. Includes calcareous marl and shale.

ⁱ Comprises value of items that cannot be disclosed. ^j Ilite, brucite (1965-68), calcite (optical grade, 1946), calcium-magnesium chloride (1960-1963), diatomite, graphite,

iodine, kyanite, lithium minerals, magnesite, greensand marl, olivine, staurolite, and wilastonite and values indicated by footnote 4.
^k Includes with "Metals undistributed."

^l 1950, uranium ore.

^m Comprises value of items that cannot be disclosed: Cobalt, columbium-tantalum concentrate (1967), magnesium chloride for manganiferous metal, manganeseous residuum, platinum-group metals (crude), rare-earth metal concentrates, titanium concentrate (tritile) (1965-1968), zirconium concentrate, and values indicated by footnote 7.

Source: Dept. of the Interior, Bureau of Mines; Minerals Yearbook.

No. 1025. MINERAL PRODUCTION—VALUE, 1960 TO 1968, AND RANK AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1968, BY STATES

[In millions of dollars]

STATE	1960	1965	1967	1968		
				Value	Rank	Principal minerals in order of value
U.S.	18,032	21,524	23,734	24,974	(x)	Petroleum, natural gas, coal, stone.
N.E.						
Maine	91	113	116	127	(x)	Cement, sand and gravel, stone, zinc.
N.H.	14	18	15	18	47	Sand and gravel, stone, clays, feldspar.
Vt.	5	8	8	9	48	Stone, asbestos, sand and gravel, talc.
Mass.	23	27	27	29	44	Sand and gravel, stone, lime, clays.
R.I.	28	36	41	43	43	Sand and gravel, stone, gem stones.
Conn.	6	3	4	4	49	Stone, sand and gravel, feldspar, lime.
M.A.	1,155	1,284	1,270	1,281	(x)	Cement, stone, sand and gravel, salt.
N.Y.	261	290	299	300	10	Sand and gravel, stone, zinc, magnesium compounds.
N.J.	56	80	73	77	36	Coal, cement, stone, sand and gravel.
Pa.	888	914	898	904	6	
E.N.C.	1,724	1,915	2,071	2,119	(x)	Coal, stone, sand and gravel, cement.
Ohio	406	464	499	537	14	Coal, cement, stone, petroleum.
Ind.	211	210	246	235	23	Coal, petroleum, stone, sand and gravel.
Ill.	593	593	637	648	8	Iron ore, cement, copper, sand and gravel.
Mich.	438	568	610	627	9	Sand and gravel, stone, zinc, cement.
Wis.	79	73	90	72	39	
W.N.C.	1,494	1,629	1,669	1,756	(x)	Iron ore, sand and gravel, stone, cement.
Minn.	516	508	523	567	13	Cement, stone, sand and gravel, gypsum.
Iowa	99	113	113	117	31	Cement, stone, lead, iron ore.
Mo.	162	220	237	276	21	Petroleum, sand and gravel, coal, natural gas.
N. Dak.	78	94	98	98	33	Gold, sand and gravel, stone, cement.
S. Dak.	48	51	53	54	41	Petroleum, cement, sand and gravel, stone.
Nebr.	104	84	71	75	37	Petroleum, natural gas, helium, natural gas liquids.
Kans.	487	553	574	569	12	
S.A.	1,339	1,693	1,885	1,900	(x)	
Del.	1	2	2	2	50	Sand and gravel, stone, clays, gem stones.
Md.	58	78	73	72	38	Stone, cement, sand and gravel, coal.
Va.	209	268	284	296	20	Coal, stone, cement, sand and gravel.
W. Va.	723	860	938	918	5	Coal, natural gas, stone, natural gas liquids.
N. C.	45	60	77	83	34	Stone, sand and gravel, phosphate rock, cement.
S. C.	31	41	48	52	42	Cement, stone, clays, sand and gravel.
Ga.	92	135	155	173	29	Clays, stone, cement, sand and gravel.
Fla.	180	249	310	305	18	Phosphate rock, stone, cement, clays.
E.S.C.	982	1,105	1,194	1,217	(x)	
Ky.	415	466	536	535	15	Coal, stone, petroleum, natural gas.
Tenn.	146	183	190	201	27	Stone, zinc, cement, coal.
Ala.	222	246	251	260	22	Coal, cement, stone, petroleum.
Miss.	190	210	217	221	26	Petroleum, natural gas, sand and gravel, clays.
W.S.C.	7,060	8,795	10,579	11,042	(x)	
Ark.	160	179	179	199	28	Petroleum, natural gas, bauxite, stone.
La.	1,991	2,988	3,002	4,321	2	Petroleum, natural gas, natural gas liquids, sulfur.
Okla.	783	909	1,032	1,017	4	Petroleum, natural gas, natural gas liquids, stone.
Tex.	4,126	4,710	5,406	5,506	1	Petroleum, natural gas, natural gas liquids, cement.
Mt.	2,606	3,117	2,956	3,333	(x)	
Mont.	170	228	187	228	24	Petroleum, copper, sand and gravel, cement.
Idaho	58	105	109	114	32	Silver, phosphate rock, zinc, lead.
Wyo.	439	515	531	576	11	Petroleum, uranium, natural gas, sodium salts.
Colo.	345	340	346	359	17	Molybdenum, petroleum, coal, sand and gravel.
N. Mex.	654	807	874	894	7	Petroleum, natural gas, uranium, copper.
Ariz.	417	583	465	618	10	Copper, molybdenum, cement, sand and gravel.
Utah	433	439	354	424	16	Copper, petroleum, coal, molybdenum.
Nev.	81	100	91	120	30	Copper, gold, sand and gravel, diatomite.
Pac.	1,581	1,873	1,994	2,199	(x)	
Wash.	72	88	82	81	35	Sand and gravel, cement, stone, zinc.
Oreg.	56	83	67	64	40	Sand and gravel, stone, cement, nickel.
Calif.	1,422	1,597	1,604	1,808	3	Petroleum, natural gas, sand and gravel, cement.
Alaska	22	84	134	222	25	Petroleum, sand and gravel, coal, natural gas.
Hawaii	9	21	17	23	46	Stone, cement, sand and gravel, pumice.

X Not applicable.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1026. PRINCIPAL METALS AND MINERALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1960, 1965, AND 1968

MINERAL	1960		1965		1968 (prel.)	
	World production	Percent U.S.	World production	Percent U.S.	World production	Percent U.S.
Fuels:						
Coal	mil. short tons	2,906	15	3,089	17	3,086
Petroleum (crude)	mil. bbl.	7,674	34	11,053	26	14,084
Nonmetals:						
Asbestos	1,000 short tons	2,440	2	3,140	4	(NA)
Barite	1,000 short tons	3,100	25	3,860	22	3,915
Cement ¹	mil. (376-lb.) bbl.	1,866	18	2,544	15	2,873
Feldspar	1,000 long tons	1,470	34	1,930	32	(NA)
Fluorspar	1,000 short tons	2,190	11	3,110	8	(NA)
Gypsum	1,000 short tons	43,200	23	53,000	19	(NA)
Mica (including scrap)	1,000 short tons	183	54	218	55	169
Nitrogen, agricultural ^{1,2}	1,000 short tons	10,800	26	18,500	27	27,813
Phosphate rock	1,000 long tons	40,870	43	55,700	34	92,838
Potash (K ₂ O equivalent)	1,000 short tons	10,000	26	15,100	21	17,140
Salt ¹	1,000 short tons	93,900	27	119,460	29	124,442
Sulfur, elemental	1,000 long tons	10,290	56	15,270	48	18,804
Metals, mine basis:						
Bauxite	1,000 long tons	26,980	7	36,970	4	42,880
Cadmium	1,000 lb.	22,100	46	26,100	27	31,032
Copper ^{2,3}	1,000 short tons	4,640	23	5,590	24	5,894
Iron ore	1,000 long tons	512,329	17	608,202	14	670,043
Lead ⁴	1,000 short tons	2,610	9	2,990	10	3,308
Mercury	1,000 76-lb. flasks	242	14	276	7	255
Molybdenum ³	1,000 lb.	89,500	76	115,200	67	125,673
Nickel ³	1,000 short tons	359	4	481	3	529
Silver	1,000 troy oz.	240,200	15	254,100	16	272,507
Titanium concentrates: Ilmenite ⁴	1,000 short tons	2,205	30	2,723	36	3,216
Tungsten concentrate (60 percent WO ₃)	short tons	69,400	11	63,100	13	34,907
Vanadium ³	short tons	7,090	70	9,083	58	12,562
Zinc ³	1,000 short tons	3,590	12	4,695	13	5,486
Metals, smelter basis:						
Aluminum	1,000 short tons	4,985	40	7,415	37	8,864
Copper	1,000 short tons	4,950	25	6,100	24	6,649
Iron pig (incl. ferroalloys)	1,000 short tons	285,000	24	389,495	25	391,451
Lead	1,000 short tons	2,550	15	2,905	14	3,221
Magnesium	short tons	102,600	39	178,800	46	207,089
Steel ingots and castings	1,000 short tons	381,400	28	506,850	26	564,545
Tin	long tons	192,000	7	186,800	2	230,021
Uranium oxide (U ₃ O ₈)	short tons	40,740	44	21,100	49	22,344
Zinc	1,000 short tons	3,280	24	4,280	23	5,017

¹ U.S. production includes Puerto Rico. ² For years ended June 30.³ Content of ore and concentrate. ⁴ Excludes U.S.S.R.Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1027. STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1960, 1965, AND 1969

[In millions of dollars. As of December 31. Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amount that would be realized at time of sale]

INVENTORY	1960		1965		1969	
	Acquisition cost	Market value	Acquisition cost	Market value	Acquisition cost	Market value
Total	8,969	7,962	8,071	7,843	6,698	7,337
On order	428	413	38	39	84	114
On hand	8,540	7,649	8,033	7,804	6,614	7,223
Within stockpile objectives	4,366	3,345	3,328	3,067	3,773	4,467
Excess to stockpile objectives	4,174	3,204	4,705	4,138	2,841	2,756
National stockpile	6,130	5,706	5,285	5,642	4,321	5,100
Supplemental stockpile	840	799	1,403	1,317	1,444	1,508
Defense Production Act	1,487	935	1,341	841	840	519
Commodity Credit Corporation	104	100	4	4	(z)	(z)
Federal Facilities Corporation	10	9	(x)	(x)	(x)	(x)

X Not applicable. Z Less than \$500,000.

Source: General Services Administration; unpublished data.

No. 1028. AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1951 TO 1969

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series M 91, M 134, M 199, and M 238, for bituminous coal, crude petroleum, iron ore, and lead, respectively]

YEARLY AVERAGE OR YEAR	Iron ore ¹ (Lake Erie ports)	Copper, electro- lytic ²	Lead (New York)	Tin (New York) ³	Zinc (St. Louis) ⁴	Alumi- num, de- livered ⁵	Sulfur, crude (t.o.b. works)	Bitumi- nous coal ⁶	Crude petro- leum ⁷
	Dol. per long ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dol. per short ton	Dol. per barrel	
1951-1955.....	9.36	29.277	15.330	106.00	13.610	20.98	23.88	4.75	2.68
1956-1960.....	11.33	32.473	13.388	98.26	11.919	25.00	24.50	4.84	2.93
1961-1965.....	10.71	32.000	12.247	136.08	12.646	24.04	23.90	4.47	2.83
1960.....	11.45	32.453	11.948	101.44	12.946	26.00	23.50	4.69	2.88
1965.....	10.55	35.417	16.000	178.20	14.500	24.51	25.50	4.44	2.86
1967.....	10.55	38.626	14.000	153.43	13.843	25.00	33.75	4.62	2.92
1968.....	10.55	42.247	13.212	148.15	13.500	25.58	41.50	4.67	2.94
1969 (prel.).....	10.55	47.934	14.895	164.50	14.600	27.18	(NA)	5.04	3.06

¹ NA. Not available.¹ Lake Superior, Mesabi, non-Bessemer.² Domestic market.³ Straits tin.⁴ Prime western.⁵ Prices 1951-1955, for 99+ percent virgin ingot aluminum; beginning 1956, for 99+ percent unloyed ingot.⁶ Average value at mine. Includes Alaska.⁷ Average value at well. Beginning 1958, includes Alaska, and 1959, Hawaii.⁸ Based on first 8 months. Average suspended from September through December.⁹ Based on last 9 months. Average suspended Sept. 1, 1967 through Apr. 5, 1968 due to strike of major producers.

Source: Compiled from *Metals Week* (copyright); *The Iron Age* (copyright); *Wholesale Prices and Price Indexes* (Bureau of Labor Statistics); and *Minerals Yearbook*, and unpublished data (Bureau of Mines).

No. 1029. IMPORTS AND EXPORTS OF SELECTED MINERAL AND METAL PRODUCTS: 1960 TO 1969

[Quantity in thousands of short tons, except as noted. Includes trade of Puerto Rico with foreign countries]

MINERAL	QUANTITY				VALUE (\$1,000)			
	1960	1965	1968	1969	1960	1965	1968	1969
IMPORTS FOR CONSUMPTION								
Fuels: Petroleum, crude, mil. barrels..	401	502	526	567	895,055	1,119,838	1,184,045	1,295,104
Nonmetallic minerals:								
Asbestos.....	669	684	708	678	63,345	65,878	69,680	78,577
Diamonds:								
Gem..... 1,000 carats.....	2,167	3,160	4,348	4,080	165,555	307,285	475,132	504,647
Industrial..... 1,000 carats.....	13,146	12,241	11,470	11,262	51,837	53,957	55,823	46,908
Mica.....	11	24	5	5	8,305	8,807	4,938	4,818
Ores and concentrates:								
Bauxite..... 1,000 long tons.....	9,586	12,458	12,211	13,801	78,024	142,989	140,228	165,630
Chromite..... 1,000 short tons of metal.....	1,387	1,518	1,085	1,106	24,313	25,239	18,189	10,739
Copper..... 1,000 short tons of metal.....	88	11	72	4	49,380	6,570	68,291	3,274
Iron ore..... 1,000 long tons.....	34,584	45,105	43,041	40,758	321,939	443,807	453,753	402,528
Lead..... 1,000 short tons of metal.....	138	128	96	115	27,911	26,923	18,857	22,078
Manganese ore.....	2,280	3,892	1,870	1,947	82,357	110,281	46,910	39,238
Nickel..... 1,000 short tons of metal.....	30	31	34	22	29,937	41,226	72,587	61,309
Tin..... 1,000 long tons of metal.....	14	4	2	—	31,104	13,228	5,714	—
Tungsten..... short tons of metal.....	1,762	1,802	872	751	3,478	3,886	3,272	3,446
Metals (incl. scrap): ²								
Aluminum.....	160	555	723	497	77,406	226,812	310,871	226,026
Copper.....	177	137	418	130	113,224	93,715	453,807	140,053
Lead ³	221	232	343	288	62,417	70,226	84,900	80,265
Nickel.....	80	136	13	121	116,079	208,353	11,556	238,611
Platinum group..... 1,000 troy ounces.....	650	1,220	1,772	1,298	31,900	72,806	126,601	94,102
Tin ⁴ 1,000 long tons.....	40	41	58	56	87,908	160,389	182,472	186,080
Zinc.....	122	189	306	327	29,829	43,609	75,921	84,605
EXPORTS⁵								
Fuels:								
Anthracite.....	1,440	851	518	627	28,803	11,488	6,553	8,420
Bituminous coal.....	36,541	50,270	50,702	56,307	331,616	466,463	498,678	589,404
Petroleum, crude..... 1,000 barrels.....	3,087	1,004	1,802	1,437	8,032	2,841	4,452	3,694
Nonmetallic minerals:								
Cement, hydraulic..... 1,000 barrels.....	187	748	942	589	1,135	4,288	3,884	3,189
Phosphate rock.....	4,761	862	1,031	902	37,585	10,595	16,806	9,230
Potash material.....	833	1,099	1,343	1,260	25,926	42,502	43,663	37,773
Sulfur ⁶ 1,000 long tons.....	1,787	2,635	1,602	1,546	42,294	65,548	60,505	57,681
Metals (incl. scrap): ²								
Aluminum ⁷ short tons.....	364,493	242,190	229,706	430,669	155,104	104,984	101,872	205,964
Copper ⁷	615	424	362	287	356,628	312,051	327,403	300,413
Iron and steel, scrap ⁸ short tons.....	8,040	6,170	6,445	8,922	241,572	197,459	194,899	239,588
Molybdenum ⁷ short tons.....	148	55	146	11	368	414	217	70
Nickel ⁷ short tons.....	42,633	6,723	16,854	18,028	10,289	4,168	25,079	20,456
Zinc ⁷	90	19	58	43	20,815	7,900	16,750	11,396

¹ Includes matte and oxide.² Excludes semifabricated forms, except as noted.³ Includes alloys in chief value of lead.⁴ Includes alloys in chief value of tin.⁵ Includes shipments under foreign aid programs.⁶ Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.⁷ Includes alloys.⁸ Includes tin plated and terne plated scrap.

Source: Dept. of Commerce, Bureau of the Census; annual report, FT:T-IA-245, U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country; monthly report, FT:T-EA-622, U.S. Exports, Schedule B Commodity and Country; and unpublished data.

No. 1030. EMPLOYMENT IN MINERAL INDUSTRIES: 1940 TO 1968

[Men working in thousands; man-hours in millions. Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries]

ITEM	1940	1950	1960	1964	1965	1966	1967	1968 ¹
Men working daily²								
Coal mines ³	(NA)	(NA)	1,045	892	907	916	900	908
Coke	533	483	190	151	149	145	139	137
Petroleum and natural gas	20	24	16	18	16	14	14	13
Metal mines ³	(NA)	518	511	428	437	452	446	467
Nonmetal mines ⁴	110	68	61	50	51	50	48	46
Sand and gravel operations	10	12	19	17	17	19	18	17
Stone quarries ⁵	(NA)	(NA)	52	56	54	55	52	50
Metallurgical plants	80	86	95	88	90	86	85	84
Nonmetal mills	49	46	59	55	61	61	64	62
Other	(NA)	(NA)	40	32	31	32	31	30
Man-hours worked								
Coal mines ³	(NA)	(NA)	2,083	1,850	1,900	1,926	1,863	1,905
Coke	840	711	282	252	249	244	242	234
Petroleum and natural gas	54	66	46	38	41	41	39	38
Metal mines ³	(NA)	1,082	1,063	911	932	955	939	987
Nonmetal mines ⁴	212	148	120	104	112	112	96	99
Sand and gravel operations	19	28	37	36	38	41	39	36
Stone quarries ⁵	(NA)	(NA)	96	101	100	105	97	99
Metallurgical plants	147	190	202	188	194	191	180	186
Nonmetal mills	113	116	145	148	158	160	152	160
Other	(NA)	(NA)	86	71	71	73	69	66

NA. Not available.

¹ Preliminary except for coke and petroleum and natural gas.

² Average number of men at work each day mines were active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll. ³ Includes Alaska.

⁴ Beginning 1960, includes clay mines. Includes Alaska; beginning 1960, includes Hawaii.

⁵ Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

No. 1031. INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1950 TO 1968

[Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries. See also *Historical Statistics, Colonial Times to 1957*, series M 250-274]

ITEM	NUMBER OF INJURIES					INJURY RATES PER MILLION MAN-HOURS				
	1950	1960	1965	1967	1968 ¹	1950	1960	1965	1967	1968 ¹
	Fatal injuries ²	552	603	538	512	606	0.41	0.29	0.23	0.27
Coal mining ³	952	603	538	512	606	0.41	0.29	0.23	0.27	0.32
Coal mining ³	643	325	259	222	311	0.60	1.15	1.04	0.92	1.33
Coke	14	3	7	9	7	0.21	0.07	0.17	0.23	0.10
Petroleum and natural gas ⁴	109	82	78	88	102	0.10	0.08	0.08	0.09	0.10
Metal mines ³	84	84	58	66	57	0.57	0.70	0.52	0.69	0.58
Nonmetal mines ⁵	19	19	21	17	36	0.67	0.52	0.56	0.44	0.99
Sand and gravel	(NA)	25	40	32	25	(NA)	0.26	0.40	0.38	0.27
Stone quarries ⁶	54	39	48	46	58	0.28	0.19	0.26	0.25	0.31
Metallurgical plants	29	12	15	16	5	0.25	0.08	0.09	0.10	0.03
Nonmetal mills	(NA)	13	10	13	4	(NA)	0.15	0.14	0.19	0.06
Nonfatal injuries ²	66,729	36,044	32,800	31,360	31,061	28.51	17.31	17.26	16.83	16.30
Coal mining ³	37,264	11,902	11,138	10,115	9,460	62.38	42.28	44.78	41.84	40.36
Coke	780	223	228	226	204	11.84	4.84	5.58	5.80	5.43
Petroleum and natural gas ⁴	13,500	9,110	8,963	8,776	9,069	12.48	8.67	9.62	9.36	9.19
Metal mines ³	6,611	3,794	3,292	2,881	2,830	44.74	31.71	29.32	30.08	28.59
Nonmetal mines ⁵	1,238	1,056	989	1,026	955	43.51	28.69	26.19	26.61	26.31
Sand and gravel	(NA)	1,919	1,870	1,919	1,900	(NA)	20.04	18.68	19.86	21.38
Stone quarries ⁶	4,762	4,688	3,305	3,267	3,260	25.12	23.07	17.04	17.64	17.49
Metallurgical plants	2,574	1,482	1,443	1,524	1,690	22.11	10.21	9.12	10.00	10.68
Nonmetal mills	(NA)	1,794	1,483	1,525	1,515	(NA)	20.77	20.89	22.15	22.84

NA. Not available. ¹ Preliminary except for coke and petroleum and natural gas.

² Beginning 1960, includes industries not shown separately. ³ Includes Alaska.

⁴ For 1960, number of fatalities and permanent total injuries at petroleum and natural gas operations are combined. Fatal-frequency rates for 1960 include an unknown number of permanent total injuries which cannot be separated from fatal injuries.

⁵ Beginning 1960, includes clay mines. Includes Alaska; beginning 1960, includes Hawaii.

⁶ Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

Source of tables 1030 and 1031: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1032. MINERAL INDUSTRIES—

[Excludes establishments for which both value of shipments and expenditures amounted to less than \$500.

MINERAL INDUSTRY	1953			1963 ³		
	Establishments	Pay-roll ¹	Value added in mining ²	All employees		Value added in mining ²
				Number ⁴	Pay-roll ¹	
	Mil. dol. 3,749	Mil. dol. 13,384	\$ 38,651	1,000 616	Mil. dol. 3,742	Mil. dol. 15,910
1 All industries.....	36,384					
2 Metal mining.....	2,351	486	1,180	1,614	77	515
3 Iron ores.....	243	109	488	208	23	182
4 Copper ores.....	157	144	266	160	26	187
5 Lead and zinc ores.....	200	54	74	205	9	49
6 Lead ores.....	213	34	48	125	4	22
7 Zinc ores.....	77	21	26	80	5	27
8 Gold and silver ores.....	477	23	42	466	4	25
9 Lode gold.....	251	12	23	201	2	14
10 Placer gold.....	185	5	9	158	(Z)	2
11 Silver ores.....	61	6	10	107	1	9
12 Bauxite.....	29	4	15	17	1	3
13 Ferroalloy ores.....	297	27	74	58	3	20
14 Manganese ores.....	186	9	20	17	(Z)	2
15 Tungsten ores and ferroalloy ores, n.e.c.....	111	18	54	41	3	10
16 Metal mining services.....	95	12	23	83	2	14
17 Miscellaneous metal ores.....	763	53	196	417	8	54
18 Titanium ores.....	11	4	13	8	1	6
19 Uranium-radium-vanadium ores.....	603	44	175	335	7	45
20 Mercury ores and misc. metal ores.....	149	4	9	74	(Z)	3
21 Anthracite mining.....	1,248	93	164	1,069	12	59
22 Anthracite.....	1,163	79	142	1,026	11	53
23 Anthracite mining services.....	85	14	22	43	1	6
24 Bituminous coal and lignite mining.....	6,940	915	1,616	6,305	134	762
25 Bituminous coal.....	6,725	905	1,591	6,115	132	752
26 Lignite.....	58	3	9	59	1	3
27 Coal mining services, n.e.c.....	167	7	15	131	1	7
28 Oil and gas extraction.....	18,522	1,701	9,032	\$ 21,242	271	1,745
29 Crude petroleum and natural gas.....	12,010	1,043	7,340	\$ 14,378	145	1,016
30 Crude petroleum.....	10,620	967	6,823	\$ 12,326	126	802
31 Natural gas.....	1,390	76	517	\$ 2,052	19	124
32 Natural gas liquids.....	593	98	588	652	14	97
33 Oil and gas field services.....	5,919	561	1,108	6,212	112	632
34 Drilling oil and gas wells.....	3,066	289	587	2,836	55	318
35 Oil and gas exploration services.....	348	44	64	373	9	48
36 Oil and gas field services, n.e.c.....	2,505	228	456	3,003	48	266
37 Nonmetallic minerals mining.....	7,323	555	1,392	8,421	121	661
38 Dimension stone ¹⁰	335	7	13	319	2	8
39 Crushed and broken stone ¹¹	1,970	190	449	2,256	43	229
40 Sand and gravel ¹¹	3,708	173	436	4,616	40	212
41 Clay and related minerals ¹¹	490	36	87	423	8	42
42 Chemical and fertilizer minerals.....	264	121	337	235	21	137
43 Barite.....	53	5	11	54	1	7
44 Fluorspar.....	55	6	13	30	1	4
45 Potash, soda, and borate minerals.....	21	41	111	23	7	52
46 Phosphate rock.....	65	27	64	66	6	32
47 Rock salt.....	22	11	34	25	2	16
48 Sulfur.....	24	25	94	17	3	21
49 Chemical and fertilizer mining, n.e.c.....	24	8	10	20	1	6
50 Nonmetallic minerals, services.....	75	4	6	119	1	5
51 Miscellaneous nonmetallic minerals ¹¹	481	24	63	453	5	28

² Less than 500,000,000, or \$500,000.¹ Gross earnings paid to all employees on payroll.³ Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures.⁴ Excludes all single-unit establishments without paid employees, which, in 1963, accounted for approximately 3 percent of value added.⁵ Excludes proprietors and firm members of unincorporated concerns.⁶ Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers.

SUMMARY: 1958, 1963, AND 1967

"N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1957*, series M 1-12]

Establishments	All employees		Production workers ^a			Value added in mining ²	Value of shipments and receipts ³	Capital expenditures	1967 ^b	
	Number ⁴	Payroll ¹	Number	Man-hours ^c	Wages				Mil. dol.	Mil. dol.
	1,000	Mil. dol.	1,000	Million	Mil. dol.	19,271	25,537	Mil. dol.	4,022	1
28,551	1,000 567	Mil. dol. 4,181	1,000 433	Million 895	Mil. dol. 2,889					
1,154	71	552	56	114	397	1,554	2,290	341	2	
147	23	186	18	36	134	662	954	109	3	
187	21	171	15	33	115	426	876	124	4	
165	9	60	7	15	46	101	149	43	5	
104	4	31	3	7	22	37	66	34	6	
61	5	29	4	8	24	64	83	9	7	
182	4	26	3	7	21	52	64	5	8	
76	2	16	2	5	13	33	42	2	9	
47	(2)	1	(z)	(z)	1	2	3	(z)	10	
59	1	9	1	2	7	17	19	3	11	
17	1	4	1	1	3	24	30	(z)	12	
40	4	32	3	6	23	73	108	13	13	
18	(z)	1	(z)	(z)	1	1	3	(z)	14	
22	4	31	3	6	22	72	105	12	15	
141	2	18	2	4	17	32	45	2	16	
305	8	55	6	12	40	184	264	46	17	
7	1	6	1	1	5	17	24	1	18	
198	6	41	4	9	29	151	215	41	19	
100	1	7	1	2	6	16	26	4	20	
391	7	41	6	11	35	81	154	7	21	
366	6	36	5	10	30	74	144	5	22	
25	1	5	1	1	4	7	10	2	23	
4,077	124	925	109	212	775	2,069	2,944	334	24	
3,911	123	913	107	209	765	1,975	2,898	329	25	
45	1	3	(z)	1	3	13	18	2	26	
121	1	9	1	3	8	21	28	3	27	
16,297	245	1,858	168	350	1,096	13,347	17,169	2,972	28	
8,794	127	1,052	67	131	444	10,952	11,736	2,517	29	
5,291	107	901	55	108	366	8,922	9,645	2,025	30	
1,503	20	151	12	23	77	2,030	2,092	492	31	
694	12	99	10	21	82	861	3,417	215	32	
6,809	106	707	91	198	571	1,534	2,016	240	33	
2,324	42	292	39	82	253	636	887	135	34	
629	9	54	7	16	41	127	154	20	35	
3,856	55	361	45	101	277	771	975	85	36	
6,632	119	806	94	208	586	2,231	2,980	369	37	
262	2	10	2	3	8	18	23	1	38	
2,039	42	277	35	80	213	701	956	108	39	
3,278	35	232	29	62	178	557	725	94	40	
355	9	55	7	16	41	150	212	24	41	
234	24	188	16	35	113	741	910	131	42	
30	1	5	1	2	4	15	20	1	43	
32	1	5	1	1	4	11	20	1	44	
34	8	68	5	11	41	188	216	43	46	
69	8	59	5	12	35	199	297	47	46	
26	3	19	2	4	13	71	81	7	47	
30	3	31	2	4	15	253	271	30	48	
13	(z)	2	(z)	(z)	1	3	5	1	49	
108	1	5	1	1	5	19	14	2	50	
366	6	39	5	10	29	103	141	10	51	

^a Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).

^b Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis.

^c Not strictly comparable with data for earlier years because of change in reporting procedures for crude petroleum and natural gas companies. ^d Excludes Alaska and Hawaii.

^e Excludes data for dimension stone quarries operated in conjunction with dressing plants.

^f Excludes data for mining included in establishments classified in manufacturing industries.

Source: Dept. of Commerce, Bureau of the Census; *Census of Mineral Industries: 1958; 1963; and 1967*.

No. 1033. COAL—SUMMARY: 1940 TO 1968

[Quantities in thousands of short tons; values in millions of dollars, except as indicated. Includes coal consumed at mines. See also *Historical Statistics, Colonial Times to 1957*, series M 88-116 and M 118-132]

ITEM	1940	1950	1960	1964	1965	1966	1967	1968
Total coal production:								
Quantity.....	512,257	560,388	434,329	504,182	526,954	526,822	564,882	556,706
Value.....	1,085	2,893	2,098	2,314	2,398	2,622	2,652	2,644
BITUMINOUS COAL ¹								
Production:								
Quantity.....	460,772	516,311	415,512	486,998	512,088	533,881	552,026	545,245
Value, total.....	879	2,500	1,950	2,166	2,276	2,421	2,555	2,546
Average per ton.....dollars	1.91	4.84	4.60	4.45	4.44	4.54	4.62	4.67
Exports:								
Quantity.....	16,466	25,468	36,541	47,960	50,181	49,302	49,528	50,637
Value.....	61	207	332	441	465	488	475	490
Imports:								
Quantity.....	372	347	260	298	184	178	227	224
Value.....	2	2	2	2	2	2	2	2
Consumption.....	430,910	3454,202	330,420	431,116	450,164	486,266	480,416	408,830
Electric power utilities ⁴	49,126	88,262	173,882	223,032	242,720	264,202	271,784	294,739
Bunker, foreign and lake vessels ⁵	2,989	2,042	945	711	655	609	407	417
Manufacturing and mining industries.....	208,978	218,507	173,096	187,758	196,732	201,400	191,086	188,450
Retail-dealer deliveries.....	84,687	84,422	30,405	19,615	19,048	19,965	17,089	15,224
Number of mines.....	6,324	9,429	7,865	7,630	7,228	6,749	5,873	5,327
Average number of men employed ⁶	439,075	415,582	169,400	128,688	133,732	131,752	131,523	127,804
Average number of days worked.....	202	183	101	225	219	210	219	220
Average tons per man:								
Per day.....	5.19	6.77	12.83	16.84	17.52	18.52	19.17	19.37
Per year.....	1,049	1,230	2,453	3,784	3,829	4,052	4,198	4,261
Method of mining:								
Percent mechanically loaded underground.....	35.4	69.4	80.3	87.4	89.2	91.7	94.5	95.7
Percent cut by machine.....	88.4	91.8	67.8	57.4	53.9	51.0	49.1	48.4
Percent mined by stripping.....	9.2	23.9	29.5	31.2	32.3	33.7	33.9	34.1
ANTHRACITE (Pa.)								
Production:								
Quantity.....	51,485	44,077	18,817	17,184	14,866	12,941	12,256	11,401
Value, total.....	205	392	147	149	122	101	96	97
Average per ton.....dollars	3.99	8.90	7.82	8.65	8.21	7.78	7.85	8.48
World production, bituminous coal, lignite, and anthracite mil. short tons.....	1,983	1,997	2,899	3,031	3,083	3,119	2,996	2,086

¹ Relates to mines having an output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. ² Includes anthracite.

³ Includes coal consumed by railroads (85,130,000 short tons in 1940, 60,969,000 in 1950, and 2,101,000 in 1960) excluded in distribution. ⁴ Source: Federal Power Commission.

⁵ Source: Bureau of the Census. ⁶ Beginning 1950, average number of men working daily. ⁷ Preliminary.

No. 1034. COAL—PRODUCTION, BY STATES: 1941 TO 1968

[In thousands of short tons. Includes coal consumed at mines]

STATE	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1961-1965, avg.	1960	1965	1968
Total.....	636,037	595,972	496,725	469,288	473,559	434,329	526,954	556,706
Anthracite (Pa.).....	59,105	52,323	33,808	22,975	16,931	18,817	14,866	11,401
Bituminous and lignite.....	576,842	543,649	462,827	446,313	456,628	415,512	512,088	545,245
Alabama.....	17,783	16,278	12,176	12,413	13,484	13,011	14,832	10,440
Colorado.....	7,830	5,360	3,564	3,394	3,978	3,607	4,790	5,558
Illinois.....	68,442	60,034	46,781	46,090	51,795	45,977	58,483	62,441
Indiana.....	25,216	21,500	16,232	15,659	15,311	15,538	15,565	18,486
Kentucky.....	64,020	74,791	66,426	69,038	75,621	66,847	85,766	101,156
Missouri.....	3,947	3,720	2,873	2,898	3,165	2,890	3,564	3,205
Ohio.....	32,190	36,458	36,847	35,379	35,908	33,957	39,390	48,323
Pennsylvania.....	138,876	120,441	89,680	74,839	71,261	65,425	80,308	73,200
Tennessee.....	7,184	5,520	5,923	7,086	6,010	5,931	5,865	8,148
Utah.....	6,012	6,613	6,025	5,642	4,706	4,955	4,992	4,316
Virginia.....	19,121	17,190	20,399	28,400	31,209	27,838	34,053	36,966
West Virginia.....	164,335	151,153	138,868	134,167	130,948	118,944	149,191	145,021
Wyoming.....	8,664	6,889	4,704	2,060	2,917	2,024	3,260	3,829
Other States.....	23,222	18,702	13,349	9,247	10,255	8,568	12,020	14,254

Source of tables 1033 and 1034: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1035. COKE—SUMMARY, AND PRODUCTION OF OVEN COKE, BY STATES:
1940 TO 1969

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See *Historical Statistics, Colonial Times to 1957*, series M 117, for production]

ITEM AND STATE	1940	1950	1960	1965	1966	1967	1968	1969 (prel.)
Production	57,072	72,718	57,220	66,854	67,402	64,580	63,663	64,709
Oven coke ¹	54,014	66,891	56,210	65,198	65,959	63,775	62,878	63,999
Beehive coke	3,058	5,827	1,010	1,657	1,412	806	775	710
Value of products at plant	442	1,279	1,882	1,429	1,478	1,400	1,458	(NA)
Coke and breeze	282	998	1,075	1,118	1,167	1,107	1,175	(NA)
All coal-chemical materials	160	283	307	311	309	293	288	289
Coal charged	4,80	13,43	18,31	16,84	17,30	17,39	(NA)	(NA)
Average value per ton ²	81.4	94.9	81.4	92.3	96.4	92.8	91.3	93.4
Average value per ton	3.58	8.41	9.82	9.40	9.67	9.96	9.95	10.42
Yield of coke from coal	70.1	69.9	70.3	70.4	70.1	69.8	69.8	69.4
Exports	804	398	353	834	1,102	710	792	1,630
Imports	113	438	126	90	96	92	94	173
Production of oven coke:								
Alabama	4,727	5,833	4,897	5,491	5,400	5,465	5,462	5,056
Indiana	6,413	8,266	8,024	8,315	8,421	8,293	8,144	8,132
Michigan	2,872	2,751	3,270	3,979	3,755	3,309	3,684	3,582
Ohio	7,898	10,314	8,423	7,689	8,515	8,081	8,428	8,613
Pennsylvania	14,862	16,333	14,146	18,912	18,691	18,433	18,110	17,966
West Virginia	1,900	3,380	2,758	3,521	3,502	3,300	3,360	3,609
Other States	15,342	20,035	14,692	17,311	17,606	16,885	15,691	16,440

NA Not available. ¹ Excludes screenings or breeze.

² For 1940 and 1960, data based on value at plant and not comparable with following years.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1036. CRUDE PETROLEUM—PRODUCING OIL WELLS, 1968, PRODUCTION, 1951 TO 1969, AND PROVED RESERVES, 1960 AND 1969, BY STATES

[Production and proved reserves in millions of barrels of 42 gallons. See also *Historical Statistics, Colonial Times to 1957*, series M 133 and M 137]

STATE	PRODUCING OIL WELLS, 1968		PRODUCTION						PROVED RESERVES ¹ (Dec. 31)	
	Approx- imate number, Dec. 31	Average production per well per day (barrels)	1951- 1955, avg.	1956- 1960, avg.	1961- 1965, avg.	1967	1968	1969 (prel.)	1960	1969
Total	553,920	16.2	2,339	2,567	2,737	3,216	3,329	3,364	31,613	29,632
Alabama	546	38.7	1	5	8	7	8	8	(2)	67
Alaska	163	1,407.7	—	—	10	29	66	74	(2)	432
Arkansas	6,445	8.2	29	29	27	21	20	18	302	127
California	41,360	24.7	368	324	303	359	375	375	3,659	4,243
Colorado	1,825	49.1	39	51	39	34	32	28	384	401
Illinois	27,236	5.6	66	79	73	60	56	51	556	272
Indiana	4,330	5.2	12	12	12	10	9	8	66	41
Kansas	45,145	5.6	117	120	109	99	95	89	884	566
Kentucky	12,311	3.0	13	20	19	16	14	13	129	73
Louisiana	30,266	73.3	250	341	512	775	817	845	4,785	5,689
Michigan	4,273	8.6	13	11	17	14	13	12	78	52
Mississippi	2,500	62.2	36	44	56	56	57	60	64	360
Montana	3,385	39.1	12	27	31	35	48	44	287	276
Nebraska	1,403	25.4	6	21	22	13	13	12	86	47
New Mexico	16,903	20.9	68	99	113	126	129	129	1,084	840
New York	4,201	.9	4	2	2	2	2	1	32	12
North Dakota	2,075	33.1	5	16	25	25	25	23	431	235
Ohio	15,480	2.0	4	6	9	10	11	11	75	127
Oklahoma	81,082	7.5	194	204	201	231	224	224	1,791	1,390
Pennsylvania	42,500	.3	10	7	5	4	4	4	108	55
Texas	187,922	16.3	1,016	1,004	970	1,120	1,133	1,182	14,758	13,063
Utah	875	73.6	2	22	30	24	24	23	208	196
West Virginia	13,049	7	3	2	3	4	3	3	51	53
Wyoming	8,305	46.8	83	118	140	138	144	148	1,427	907
Other States ²	271	21.7	1	1	1	5	5	5	65	10

¹ Represents zero.

² From reports of Committee on Petroleum Reserves, American Petroleum Institute. Figures for California, Louisiana, and Texas include offshore reserves. ² Included in "Other States."

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

Mining and Mineral Products

No. 1037. CRUDE PETROLEUM AND REFINED PRODUCTS: 1940 TO 1968

[In millions of barrels of 42 gallons, except as indicated. Prior to 1960 and as noted, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 133-136 and M 168-177]

ITEM	1940	1950	1955	1960	1965	1966	1967	1968 ¹
Crude petroleum:								
Domestic production.....	1,353	1,974	2,484	2,575	2,849	3,028	3,217	3,329
Value at wells..... mil. dol.	4,963	6,870	7,420	8,168	8,726	9,378	9,705	
World production.....	2,144	3,803	5,026	7,089	11,058	12,007	12,813	14,094
U.S. proportion of world total..... percent	63	52	44	33	26	25	25	24
Imports.....	43	178	285	372	452	447	412	472
Exports.....	51	35	12	3	1	1	27	2
Stocks Dec. 31, gasoline-bearing crude.....	2,277	248	266	240	220	238	249	272
Runs to stills.....	1,204	2,095	2,730	2,053	3,301	3,447	3,683	3,774
Average price per barrel at wells..... dol.	1.02	2.51	2.77	2.88	2.86	2.88	2.92	2.04
Refined products:								
Imports.....	41	133	170	203	449	492	514	567
Exports.....	70	76	123	71	67	71	86	83
Stocks Dec. 31 ²	281	327	436	516	550	506	629	649
Output of motor and aviation fuel.....	617	1,024	1,374	1,622	1,704	1,793	1,846	1,940
Yield of gasoline..... percent	43.1	43.0	44.0	45.1	44.0	44.4	44.0	43.9
Completed refineries, Dec. 31.....	556	357	318	311	286	281	291	284
Daily crude-oil capacity.....	4.7	7.0	8.6	10.0	10.5	10.8	11.6	11.7
Average dealer's net price (excl. tax) of gasoline (50 cities) ³ cents per gal.	9.08	15.10	16.18	16.08	15.38	15.83	16.31	16.51

¹ Preliminary, except for crude petroleum production and value.

² Includes California heavy crude.

³ Beginning 1955, new basis; not comparable with earlier years.

⁴ Beginning 1955, figures from Platt's Oilgram Price Service; prior years from American Petroleum Institute.

No. 1038. PETROLEUM—RUNS TO STILLs AND REFINERY PRODUCTS, BY CLASS: 1950 TO 1968

[In millions of barrels of 42 gallons. Prior to 1965, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 152-167]

PRODUCT	1950	1955	1960	1965	1966	1967	1968	1969 (proj.)
Input:								
Crude petroleum.....	2,190	2,857	3,119	3,527	3,683	3,827	4,037	4,149
Domestic.....	2,085	2,730	2,953	3,301	3,447	3,582	3,774	3,880
Foreign.....	1,919	2,447	2,582	2,848	3,001	3,174	3,308	3,364
Natural-gas liquids ¹	176	283	371	453	446	408	466	516
	95	126	167	226	236	245	263	290
Output:								
Gasoline (includes crude).....	2,190	2,857	3,119	3,527	3,683	3,827	4,037	4,149
Kerosene.....	998	1,632	1,510	1,694	1,784	1,839	1,934	2,022
Distillate fuel oil.....	119	117	136	93	101	99	101	102
Residual fuel oil.....	399	603	667	765	785	804	838	847
Jet fuel.....	425	420	332	269	204	276	270	266
Lubricants.....	52	56	59	63	65	65	66	65
Wax (1 bbl. = 280 lb.).....	4	5	6	5	6	6	6	6
Coke (5 bbl. = 1 sh. ton).....	17	28	60	86	88	91	95	103
Asphalt (5.5 bbl. = 1 sh. ton).....	58	83	98	124	130	128	135	136
Still gas (1 bbl. = 3,600 cu. ft.).....	84	117	120	135	135	140	150	160
Liquefied gases.....	29	44	78	107	106	111	118	114
Petrochemical feedstocks.....	(NA)	(NA)	(NA)	58	75	87	95	98
Other finished products.....	12	19	30	49	53	49	50	64
Other unfinished oils (net) ²	7	11	22	32	35	34	26	33
Shortage ³	1	12	68	80	90	107	117	123

¹ Represents zero.

NA Not available.

¹ Includes other liquid hydrocarbon.

² Negative quantities.

No. 1039. NATURAL-GAS LIQUIDS—PRODUCTION AND VALUE: 1950 TO 1968

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 148-151]

ITEM	1950	1955	1960	1965	1966	1967	1968
Total produced..... mil. (42-gal.) bbl.	182	281	340	442	468	514	550
Natural gasoline and mixtures ¹ mil. (42-gal.) bbl.	77	106	107	130	132	139	148
Liquefied petroleum gases ² mil. (42-gal.) bbl.	72	142	201	268	289	327	351
Cycle products..... mil. (42-gal.) bbl.	33	33	32	44	47	49	51
Value at plants:							
Natural gasoline ¹ mil. dol.	214	313	313	361	366	389	412
Liquefied petroleum gases ² mil. dol.	98	195	302	417	527	633	552
Cycle products..... mil. dol.	108	111	104	134	154	158	160
Average value, all light products..... dol. per bbl.	2.31	2.18	2.39	2.06	2.23	2.29	2.04
Natural gas processed..... bil. cu. ft.	5,342	8,186	9,768	13,772	14,924	15,642	16,317
Average yield, all light products..... gal. per 1,000 cu. ft.	1.43	1.44	1.46	1.35	1.32	1.38	1.42

¹ Beginning 1955, includes isopentane; included in LP-gases for prior years.

² Includes ethane.

Source of tables 1037-1039: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1040. NATURAL GAS—PRODUCTION, CONSUMPTION, VALUE, AND RESERVES: 1940 TO 1968

[Excludes Hawaii and, prior to 1960, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 138-147]

ITEM	1940	1950	1955	1960	1965	1967	1968
Marketed production ¹.....bil. cu. ft.	2,660	6,282	9,405	12,771	16,040	18,171	19,322
Value (at wells).....mil. dol.	120	409	978	1,790	2,495	2,890	3,169
Average per 1,000 cu. ft. ....cents	4.5	6.5	10.4	14.0	15.6	16.0	16.4
Producing gas wells, Dec. 31.....number	53,880	64,900	71,475	90,761	111,680	112,321	110,972
Total consumption.....bil. cu. ft.	2,655	6,026	9,070	12,509	16,033	18,173	19,460
Residential.....bil. cu. ft.	444	1,198	2,124	3,103	3,903	4,313	4,450
Commercial.....bil. cu. ft.	135	388	620	1,020	1,443	1,717	1,801
Industrial.....bil. cu. ft.	2,076	4,440	6,317	8,386	10,687	12,148	13,209
Value (at point of consumption)							
of gas consumed.....mil. dol.	577	1,604	3,626	6,270	8,368	9,442	9,800
Residential.....mil. dol.	316	826	1,885	3,200	4,001	4,601	4,635
Commercial.....mil. dol.	64	184	395	791	1,115	1,338	1,398
Industrial.....mil. dol.	197	593	1,346	2,270	3,161	3,603	3,767
Average per 1,000 cu. ft. ....cents	21.7	26.6	40.0	50.1	52.2	51.9	50.3
Residential.....cents	71.1	69.0	88.7	103.4	104.8	104.3	104.1
Commercial.....cents	47.8	47.6	62.7	77.5	77.3	77.0	77.6
Industrial.....cents	9.5	13.4	19.6	27.1	29.6	29.7	28.5
Number of consumers:							
Residential.....1,000	9,245	16,906	26,084	31,148	35,302	36,434	37,260
Commercial.....1,000	741	1,347	2,140	2,584	2,991	3,077	3,121
Proved reserves, Dec. 31 ².....bil. cu. ft.	(NA)	184,585	223,697	263,759	286,469	292,008	287,350

NA. Not available.

¹ Beginning 1950, comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines. ² Estimated. Source: American Gas Association.

No. 1041. NATURAL GAS—PRODUCTION, 1940 TO 1968, AND RESERVES, 1960 AND 1968, BY STATES

[In billions of cubic feet]

STATE	MARKETED PRODUCTION ¹							RESERVES ²	
	1940	1950	1955	1960	1965	1967	1968	1960	1968
Total	2,660	6,282	9,405	12,771	16,040	18,171	19,322	263,759	287,350
Arkansas.....	14	48	32	55	88	117	157	1,460	2,715
California.....	352	558	538	518	660	681	715	8,844	7,316
Colorado.....	3	11	49	107	126	117	121	2,043	1,660
Illinois.....	8	13	8	12	7	5	4	173	208
Kansas.....	90	364	471	634	793	872	836	19,620	14,511
Kentucky.....	53	73	73	75	79	80	89	1,144	923
Louisiana.....	343	832	1,680	2,988	4,467	5,717	6,416	63,386	88,016
Michigan.....	13	11	8	21	35	34	40	586	757
Mississippi.....	6	114	163	172	167	139	135	2,542	1,434
Montana.....	26	39	28	33	28	26	19	626	912
Nebraska.....	(3)	(2)	13	15	11	8	3	118	57
New Mexico.....	64	213	541	799	937	1,068	1,164	15,604	15,143
North Dakota.....	(3)	1	5	19	36	40	41	1,151	867
Ohio.....	41	43	34	36	36	41	43	766	784
Oklahoma.....	258	482	615	824	1,321	1,413	1,391	17,311	18,368
Pennsylvania.....	91	91	90	114	84	90	88	1,192	1,345
Texas.....	1,064	3,126	4,731	5,893	6,637	7,180	7,405	119,480	119,001
Utah.....	(3)	4	17	51	72	49	46	1,526	1,157
West Virginia.....	189	190	212	209	207	211	237	1,831	2,586
Wyoming.....	27	62	78	182	236	240	248	3,935	3,769
Other States ⁴	19	5	9	12	18	25	28	411	5,732

Z. Less than 600 million cubic feet.

¹ For 1940, amount used by ultimate consumer only; thereafter, comprises gas sold or consumed by producers, including loss due to natural-gas liquids recovery, losses in transmission, amounts added to storage, and increases in gas in pipelines. Beginning 1965, data on pressure base of 14.73 pounds per square inch absolute; prior years, 14.65.

² Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.

³ Included with "Other States." ⁴ Prior to 1960, excludes Alaska.

Source of tables 1040 and 1041: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.

No. 1042. CEMENT—SUMMARY: 1940 TO 1968

[In thousands of barrels of 376 pounds, except as indicated. Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 178-179]

ITEM	1940	1950	1955	1960	1965	1966	1967	1968
Production of finished cement	132,751	230,272	314,913	334,130	388,847	401,771	385,848	412,271
Portland	130,216	226,026	297,453	319,009	371,422	384,632	369,399	394,900
Prepared masonry	(NA)	(NA)	16,510	14,553	17,146	17,026	16,354	17,276
Natural, slag, and hydraulic lime	12,535	14,246	941	508	270	113	95	85
Active plants, number:								
Portland	152	150	157	176	181	184	188	183
Natural, slag, and hydraulic lime	12	9	6	4	4	3	3	3
Shipments	132,864	231,975	310,245	327,087	391,686	397,459	390,271	414,786
Value	193	546	897	1,104	1,245	1,251	1,238	1,322
Per barrel	1.46	2.85	2.89	3.37	3.18	3.15	3.17	3.19
Portland	130,350	227,756	292,765	312,292	374,086	380,694	374,017	397,448
Prepared masonry	(NA)	(NA)	16,526	14,247	17,321	16,656	16,160	17,252
Natural, slag, and hydraulic lime	12,514	14,210	954	548	279	109	94	86
Stocks at mills, Dec. 31 (Portland)	23,365	13,119	17,530	35,640	33,015	41,297	41,059	42,115
Imports	538	1,410	5,220	4,108	5,605	7,066	5,913	7,370
Exports	1,668	2,418	1,795	187	748	1,069	980	942
World production (est.) mil. bbl.	475	782	1,275	1,856	2,543	2,722	2,832	2,985

NA Not available. ¹ Includes masonry cement from natural, slag, and hydraulic lime plants.

No. 1043. PORTLAND CEMENT—PRODUCTION, BY STATES: 1940 TO 1968

[In thousands of barrels of 376 pounds]

STATE	1940	1950	1955	1960	1965	1966	1967	1968
Total	130,216	226,026	297,453	319,009	371,422	384,632	369,399	394,909
Alabama	5,122	10,372	12,101	11,935	14,089	14,632	13,445	13,291
California	14,216	26,277	35,449	39,802	45,172	45,322	42,055	47,076
Illinois	4,975	7,924	8,810	9,270	9,235	9,108	9,608	9,710
Iowa	4,608	7,416	10,182	12,527	13,575	13,660	13,650	13,514
Kansas	3,433	8,610	9,219	7,996	8,877	9,174	9,023	9,887
Michigan	8,603	12,967	18,205	20,971	27,018	28,848	29,862	31,195
Missouri	4,068	9,778	12,001	12,606	13,975	13,956	14,888	19,806
New York and Maine	18,437	14,196	20,049	20,134	29,622	30,555	26,684	28,695
Ohio	6,664	10,607	13,956	16,850	14,593	15,755	14,773	14,891
Pennsylvania	26,853	38,646	40,863	37,170	39,340	42,180	39,410	43,920
Tennessee	3,808	6,685	8,110	7,926	8,829	8,286	7,947	8,584
Texas	7,375	17,150	24,241	23,190	30,771	31,487	32,277	34,161
Other States ²	31,156	55,302	78,197	98,542	116,320	121,660	115,777	120,130

¹ Excludes Maine. ² Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii.

No. 1044. GYPSUM—SUMMARY: 1945 TO 1969

[Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska, Hawaii, Puerto Rico, except for imports and exports. See *Historical Statistics, Colonial Times to 1957*, series M 180, gypsum mined]

ITEM	1945	1950	1955	1960	1965	1966	1968	1969 (prel.)
Active establishments ¹	75	87	83	96	113	113	115	113
Crude gypsum: ²								
Mined	3,812	8,103	10,684	9,825	10,033	9,393	10,018	9,881
Imports for consumption	509	3,210	3,977	5,301	5,911	4,563	5,474	5,858
Apparent supply	4,320	11,412	14,661	15,126	18,044	18,950	15,492	15,730
Calcined gypsum produced	32,485	7,341	8,848	8,591	9,320	7,879	8,844	9,324
Value	314,474	60,480	88,576	120,084	133,028	115,467	133,239	143,466
Gypsum products sold, total value ¹	60,149	205,383	319,323	361,190	419,620	362,268	404,739	414,880
Uncloined uses, quantity	1,148	2,218	2,938	3,716	4,677	4,511	4,935	4,081
Value	3,438	7,912	11,435	15,486	20,313	20,882	23,145	22,048
Industrial uses, quantity	153	266	299	284	319	293	301	316
Value	2,326	4,530	6,387	6,362	8,281	8,288	8,914	8,769
Building uses, value	54,390	192,940	301,551	339,342	391,026	333,098	372,680	384,063

¹ Each mine, plant, or combination mine and plant is counted as 1 establishment.

² Excludes byproduct gypsum. ³ Includes production from small quantity of byproduct gypsum.

⁴ Made from domestic, imported, and byproduct gypsum.

Source of tables 1042-1044: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

Sand and Gravel—Stone—Lime

659

No. 1045. SAND AND GRAVEL—QUANTITY SOLD AND VALUE: 1940 TO 1968

[Quantities in thousands of short tons; value in thousands of dollars, except as indicated. Prior to 1960, includes Puerto Rico. See *Historical Statistics, Colonial Times to 1957*, series M 183, for total]

ITEM	1940	1950	1955	1960	1965	1967	1968
Total sold or used by producers	238,308	370,455	592,153	709,792	908,049	907,045	917,739
Use:							
Construction	224,956	350,936	502,796	685,542	877,747	870,374	885,562
Building	68,036	132,873	213,712	230,904	273,586	265,940	295,075
Paving	143,158	204,242	327,976	388,950	466,081	491,872	471,253
Other	13,762	18,821	21,108	65,598	138,080	118,582	118,234
Industrial sand	10,045	17,238	18,594	18,330	26,391	26,323	26,975
Miscellaneous gravel	2,708	2,281	10,763	5,920	4,911	5,348	5,202
Class of operation:							
Commercial ¹	181,256	257,556	420,070	522,895	655,884	667,601	710,984
Sand ¹	63,930	124,982	196,528	234,139	297,413	305,170	323,084
Gravel	67,326	132,674	223,548	288,756	358,471	362,431	387,850
Government-and-contractor	107,052	112,899	172,077	186,897	252,165	239,444	206,805
Sand	14,744	13,918	24,591	31,517	55,322	54,045	46,311
Gravel	92,308	98,981	147,480	155,380	196,843	188,300	160,494
Total value ¹	110,688	295,040	536,236	720,432	957,416	981,748	1,020,336
Average per ton ¹ dollars	.46	.80	.91	1.01	1.05	1.08	1.11

¹ Prior to 1955, excludes ground sand.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1046. STONE—QUANTITY SOLD OR USED BY PRODUCERS, AND VALUE: 1950 TO 1968

[1950 includes Puerto Rico]

KIND AND USE	QUANTITY SOLD OR USED ¹ (mil. short tons)					VALUE (mil. dol.)				
	1950	1960	1965	1967	1968	1950	1960	1965	1967	1968
	252	617	780	786	819	404	953	1,204	1,240	1,318
Total ²	22	43	60	63	71	51	90	121	134	148
Granite	23	58	76	68	73	34	88	121	117	125
Basalt and related rocks	9	21	29	27	27	24	49	62	60	63
Sandstone ³	(Z)	2	2	2	3	11	31	39	35	32
Marble	181	451	555	569	604	253	623	766	800	873
Limestone ⁴	16	21	34	31	20	17	28	46	45	31
Other stone	—	10	22	22	20	—	34	34	33	29
Shell	1	1	1	1	1	15	9	14	15	14
Slate										

¹ Represents zero. Z Less than 500,000.

² Quantities of stone not sold by short tons are expressed in approximate short ton equivalents.

³ Beginning 1960, includes calcareous marl not shown separately.

⁴ Beginning 1960, includes ground sandstone, quartz, and quartzite for abrasives and other uses.

⁴ Beginning 1960, includes limestone, cement rock, and dolomite used in making cement, lime, and dead-burned dolomite.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1047. LIME—QUANTITY SOLD OR USED BY PRODUCERS: 1940 TO 1968

[Quantities in thousands of short tons. Prior to 1960, includes Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181-182]

ITEM	1940	1950	1955	1960	1965	1967	1968
Active plants number	314	168	160	157	212	209	206
Quantity sold or used by producers	4,887	7,478	10,480	12,935	16,794	17,974	18,637
Value \$1,000	33,950	88,248	127,144	172,733	232,030	241,187	249,639
Per ton dollars	6.95	11.13	12.13	13.35	13.87	13.42	13.39
Open-market lime	4,548	7,022	8,930	8,189	10,449	11,461	12,054
Captive tonnage lime ¹	330	456	1,550	4,746	6,345	6,513	6,583
By type: Quicklime	2,633	3,834	6,113	8,271	12,009	13,438	14,440
Hydrated	1,386	1,885	2,288	2,715	2,609	2,656	2,304
Dead-burned dolomite	808	1,759	2,129	1,949	2,176	1,880	1,833
By use: Agricultural	305	333	305	187	217	174	213
Building	1,010	1,249	1,310	1,200	1,477	1,433	1,422
Chemical and industrial	2,644	4,137	6,738	9,591	12,924	14,488	15,170
Refractory (dead-burned dolomite)	808	1,759	2,129	1,949	2,176	1,880	1,833

¹ Incomplete; through 1960, only partial coverage of captive plants.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

Mining and Mineral Products

No. 1048. PHOSPHATE ROCK—SUMMARY: 1950 TO 1968

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1965	1966	1967	1968
Mine production	(NA)	44,432	60,858	84,305	112,960	128,973	148,836
P ₂ O ₅ content	(NA)	5,582	9,276	14,320	18,544	19,503	20,024
Marketable production	12,478	18,737	19,618	29,482	39,044	39,770	41,251
P ₂ O ₅ content	3,994	4,353	6,096	9,132	12,112	12,464	12,843
Value	\$1,000	63,934	76,379	117,041	193,323	261,002	265,947
Per ton	dollars	5.08	5.49	5.97	6.60	6.69	6.08
Sold or used by producers	11,484	14,768	19,266	29,039	38,443	37,835	37,319
P ₂ O ₅ content	3,736	4,682	5,994	9,015	11,357	11,855	11,594
Value	\$1,000	69,028	82,904	115,363	188,590	245,182	251,163
Per ton	dollars	5.14	5.61	5.99	6.49	6.73	6.84
Imports for consumption ¹	97	131	144	148	178	139	116
Value	\$1,000	2,114	2,703	3,754	2,980	4,256	3,261
Per ton	dollars	2,11.48	20.63	26.07	20.14	23.91	23.46
Exports	-	1,971	2,445	4,473	7,323	9,248	10,072
P ₂ O ₅ content	861	806	1,445	2,313	2,803	3,290	3,671
Value	\$1,000	10,385	14,269	26,632	51,109	65,952	69,479
Per ton	dollars	5.26	5.84	5.95	6.98	7.13	6.25
Consumption, apparent ²	9,611	12,454	14,937	21,864	27,373	27,902	25,336
World production	25,760	33,578	46,110	70,298	83,194	86,133	492,838

¹ NA Not available. ² Data on P₂O₅ content not available.² Market value (price) at port of shipment.³ Amount sold or used plus imports minus exports. ⁴ Preliminary.

No. 1049. POTASH—SUMMARY: 1950 TO 1968

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1965	1967	1968
Production of potassium salts (marketable)	2,243	3,514	4,472	5,401	5,649	4,769
Approximate equivalent K ₂ O	1,288	2,067	2,638	3,140	3,299	2,722
Value ¹	\$1,000	45,349	78,802	80,678	129,767	105,313
Sales of potassium salts by producers	2,222	3,405	4,412	5,027	5,363	5,091
Approximate equivalent K ₂ O	1,276	2,008	2,602	2,931	3,126	2,913
Value at plant	\$1,000	41,938	76,176	88,417	121,161	100,566
Per ton	dollars	20,22	22,37	20.04	24.10	18.75
Imports for consumption of potash materials	381	331	415	1,867	2,929	3,672
Approximate equivalent K ₂ O	201	178	226	1,108	1,708	2,179
Value	\$1,000	13,904	11,769	15,370	52,075	73,649
Exports of potash materials	117	229	333	1,099	1,175	1,373
Approximate equivalent K ₂ O	65	130	491	648	683	810
Value	\$1,000	5,534	9,203	25,026	42,494	39,806
Apparent consumption of potassium salts ²	2,486	3,507	3,994	5,795	7,117	7,390
Approximate equivalent K ₂ O	1,412	2,054	2,337	3,391	4,141	4,282
World production (marketable), approximate equivalent K ₂ O	5,300	8,000	10,000	15,100	16,900	17,100

¹ Derived from reported value of amount sold or used. ² Amount sold or used plus imports minus exports.

No. 1050. SULFUR—SUMMARY: 1950 TO 1969

[Quantities in thousands of long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports.
See also *Historical Statistics, Colonial Times to 1957*, series M 185-189]

ITEM	1950	1955	1960	1965	1967	1968	1969
Production, sulfur, all forms ¹	5,986	7,027	6,661	8,212	9,136	9,739	9,540
Sulfur from Frasch mines	5,192	5,739	4,043	6,116	7,014	7,468	7,144
Recovered elemental sulfur (sulfur content)	142	309	767	1,215	1,288	1,364	1,414
Fyrites (gross weight)	931	1,007	1,016	875	(D)	(D)	(D)
Sulfur content	393	410	416	354	(D)	(D)	(D)
Byproduct sulfuric acid ² (sulfur content)	216	325	345	388	364	430	(NA)
Shipments, Frasch mines	5,505	5,839	5,003	7,261	7,682	8,646	8,551
Approximate value	104	163	116	165	262	268	177
Average value per long ton	dollars	18.89	27.64	28.08	22.71	32.76	20.97
Imports for consumption:							
Sulfur, ore and other (gross weight)	(Z)	35	741	1,486	1,474	1,572	1,674
Pyrites (gross weight)	209	80	306	100	165	140	(D)
Exports, sulfur	1,479	1,636	1,787	2,635	2,193	1,602	1,545

¹ D Withheld to avoid disclosure of individual company data. ² NA Not available.¹ Includes other byproduct sulfur compounds, not shown separately. ² Produced at copper, lead, and zinc plants.Source of tables 1048-1050: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1051. SALT—SUMMARY: 1940 TO 1969

{Quantities in thousands of short tons. Prior to 1960, production includes Puerto Rico and for 1940, 1950, and 1960 excludes Hawaii. See *Historical Statistics, Colonial Times to 1957*, series M 28 and M 100, for production and value]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969
Production ¹	10,360	16,630	22,704	25,479	34,637	38,946	41,274	44,245
California	469	868	1,315	1,442	1,638	1,732	1,901	1,981
Kansas ²	684	846	911	1,213	1,053	1,069	1,128	1,199
Louisiana	1,133	2,279	3,563	4,792	8,126	9,585	10,908	12,468
Michigan	2,863	4,447	4,975	4,088	4,171	4,789	4,803	4,900
New York	2,118	2,807	3,780	4,008	5,002	5,320	5,218	5,366
Ohio	2,080	2,515	2,905	3,108	5,026	5,407	5,713	5,962
Texas	402	1,852	3,583	4,756	6,984	8,344	8,534	9,080
West Virginia	144	368	688	920	1,153	1,127	1,308	1,318
Other States	466	648	1,035	1,151	1,554	1,673	1,671	1,971
Evaporated (manufactured)	2,783	3,320	3,987	4,104	4,025	5,280	5,522	5,663
In brine	5,312	9,373	13,424	14,911	19,952	21,996	23,291	25,185
Rock salt	2,266	3,927	5,203	6,466	9,810	11,681	12,461	13,307
Total value ³	26	60	123	161	216	251	272	288
Exports	147	100	407	420	688	678	728	734
Imports for consumption	30	8	186	1,057	2,410	2,843	3,456	2,900

¹ Represents sales plus quantities used by producers.

² Brine included in "Other States."

³ F.o.b. mine or refinery; excludes cost of cooperage or containers.

No. 1052. COPPER—SUMMARY: 1951 TO 1969

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 225-231]

ITEM	1951-55 (avg.)	1955	1960	1965	1967	1968	1969 (prel.)
New (primary) copper produced—							
From domestic ores, as reported by—							
Mines	923	990	1,080	1,352	954	1,205	1,558
Copper ore produced ¹	100,542	112,550	134,994	173,286	127,066	170,084	230,000
Average yield of copper...percent	0.85	0.83	0.73	0.70	0.63	0.60	0.58
Smelters	929	1,007	1,143	1,403	841	1,235	1,547
Percent of world total	28	28	23	23	14	19	23
Refineries	929	997	1,121	1,338	847	1,161	1,469
From foreign ores, matte, etc., refinery reports	317	345	308	376	286	276	274
Total new refined, domestic and foreign	1,246	1,342	1,519	1,712	1,133	1,437	1,743
Secondary copper produced	925	989	871	1,253	1,160	1,218	1,351
Recovered from old scrap only	445	515	429	513	483	521	569
Imports (unmanufactured) ²	505	594	524	523	649	710	414
Refined	255	202	143	137	331	400	181
Exports of metallic copper ³	224	260	610	379	200	298	228
Refined (ingots and bars)	167	200	434	325	159	241	200
Stocks (producers), Dec. 31	230	235	359	281	247	320	330
Mine production of primary copper	923	990	1,080	1,362	954	1,205	1,558
Arizona	407	454	539	703	502	628	707
Michigan	29	50	66	72	58	75	77
Montana	68	82	92	115	65	69	113
Nevada	65	70	77	71	51	77	109
New Mexico	70	66	67	99	75	91	123
Utah	264	233	218	269	169	228	209
Other States	30	35	30	32	34	36	40
Average price	28.8	37.3	32.1	35.4	38.6	42.2	47.9
World smelter production, new copper	8,280	3,630	5,040	6,105	5,939	4,6,649	6,700

¹ Includes old tailings, smelted or retreated. Not comparable with mine production figures, which include recoverable copper content of ores not classified as "copper."

² Includes copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap.

³ Total exports of copper, excluding ore, concentrates, composition metal, and unrefined copper. Also excludes "Other copper manufacturers," for which quantity not recorded before 1953. Beginning 1960, data not strictly comparable with earlier years due to changes in classification.

⁴ Preliminary.

Source of tables 1051 and 1052: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

Mining and Mineral Products

No. 1053. IRON ORE—SUMMARY: 1940 TO 1969

[Quantities in thousands of long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 195-206]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Production	73,696	98,045	103,003	88,784	87,439	84,179	85,865	89,242
By district:								
Lake Superior	61,471	79,027	88,255	71,792	66,432	64,229	66,224	68,425
Southeastern	17,444	7,508	7,106	4,365	1,964	1,889	1,509	1,405
Northeastern	3,560	4,475	4,660	4,125	5,173	4,197	3,963	3,787
Western	11,221	5,881	6,958	4,583	2 13,065	2 13,092	2 13,441	14,987
Byproduct ore	(NA)	2 575	2 1,034	2 3,018	805	772	728	658
By type of ore:								
Hematite ³	68,870	87,156	92,958	24,68,147	47,043	40,901	34,627	(NA)
Brown ore ⁴	935	2,015	2,461	1,641	2,664	1,760	1,377	(NA)
Magnetite ⁵	3,891	7,699	6,550	18,205	36,927	40,656	49,381	(NA)
Byproduct ore ⁶	1	2 575	2 1,034	791	805	772	728	(NA)
Number of mines	230	247	305	247	183	131	109	(NA)
Shipments ⁷	75,198	97,764	106,258	82,963	84,079	82,415	81,934	91,849
Value ⁸	\$1,000	180,087	487,990	756,852	724,131	801,388	817,511	836,433
Average value per ton at mine	\$2,51	\$4,99	\$7,12	\$8,73	\$9,53	\$8,92	\$10,21	(NA)
Stocks at mines, Dec. 31	3,614	5,726	4,281	12,337	12,667	12,959	16,614	13,652
Imports for consumption	2,479	8,281	23,472	34,578	45,103	44,611	43,941	40,758
Value	\$1,000	6,205	43,968	177,457	321,919	443,788	443,918	453,753
Exports	1,386	2,551	4,517	5,273	7,085	5,904	5,884	5,168
Value	\$1,000	4,625	15,717	36,993	57,899	80,418	71,585	70,835
World production (estimate)	208,700	247,000	363,421	513,926	611,187	615,538	670,943	(NA)

NA Not available. ¹ Texas included with Southeastern district. ² Includes undistributed.

³ Predominant mineral.

⁴ Includes brown ore from Tenn., Mo., and Tex.; also magnetite from Calif., Utah, and Wyo.

⁵ For 1940, carbonate ore; thereafter, pyrites, cinder and sinter.

⁶ Beginning 1960, excludes byproduct ore except shipments for 1965, 1966, and 1967.

⁷ Preliminary.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1054. PIG IRON AND FERROALLOYS—SUMMARY: 1945 TO 1969

[In thousands of short tons, except furnaces. See *Historical Statistics, Colonial Times to 1957*, series P 233]

ITEM	1945	1950	1955	1960	1965	1967	1968	1969
Blast furnaces, total number, Jan. 1	243	248	261	263	239	232	230	230
Number in blast, Jan. 1	218	218	206	229	191	164	173	154
Blast furnace production	54,166	65,440	77,790	67,320	88,869	87,047	89,333	95,490
Pig iron	53,223	64,537	76,858	66,481	88,185	86,984	88,780	98,017
Ferroalloys	943	853	932	839	674	663	553	463
Electric furnace production, ferro-alloys	753	980	1,474	1,246	2,050	1,825	2,020	2,112
Total production	54,919	66,400	79,264	68,565	90,918	89,472	91,362	97,129
Basic	39,887	49,880	62,485	58,261	80,431	81,344	83,306	89,888
Bessemer and low-phosphorus	8,670	8,426	7,699	3,791	2,936	1,888	1,606	1,402
Foundry (incl. ferrosilicon) ¹	3,067	3,646	3,558	2,152	2,303	2,078	2,081	2,430
Malleable	2,350	3,181	3,531	2,673	2,806	1,830	1,804	1,466
Ferromanganese and spiegel-eisen	706	777	955	878	1,009	943	901	868
All other ²	360	490	1,035	811	1,433	1,389	1,574	1,055
Materials used: ³								
Iron and manganese ore ⁴	91,276	112,156	127,753	104,608	133,470	135,640	142,780	148,864
Mill cinder, scrap, scale, etc.	9,749	10,731	15,210	11,272	8,885	8,206	9,372	9,372
Coke	48,965	59,549	67,061	49,772	57,880	54,017	55,378	59,521
Limestone, dolomite, etc.	20,863	27,708	29,744	15,808	17,942	14,422	12,882	14,306
Production of pig iron:								
Alabama	3,582	4,347	4,024	3,541	4,290	4,290	4,378	4,804
Colorado, Utah, California	1,642	2,653	3,561	3,735	4,877	4,766	4,915	5,032
Illinois	5,045	6,024	6,489	5,307	6,294	6,309	6,205	7,129
Indiana	5,982	7,018	8,717	8,404	11,020	12,107	12,475	12,663
Kentucky, Tennessee, Texas	808	1,460	1,713	7,987	10,875	10,824	10,765	12,007
Maryland, West Virginia	3,510	5,203	6,094	7,987	10,875	10,824	10,765	12,007
Michigan, Minnesota	1,921	2,330	4,002	4,981	7,533	7,439	7,317	7,035
New York ⁴	3,295	4,302	5,144	4,205	6,100	6,172	5,010	6,385
Ohio	11,259	12,510	15,370	11,788	15,407	14,483	15,798	16,908
Pennsylvania	16,171	18,240	20,844	16,583	21,789	20,542	21,017	22,326

¹ Prior to 1965, silvery pig iron included in "Foundry"; thereafter, in "All other."

² Materials consumed in manufacture of pig iron only. ³ Includes agglomerated products.

⁴ Includes Massachusetts through 1955.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*. (Copyright.)

No. 1055. GOLD AND SILVER—SUMMARY: 1940 TO 1969

[See *Historical Statistics, Colonial Times to 1957*, series M 246-247, for mine production]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Mine production:								
Gold	4,870	2,894	1,880	1,667	1,705	1,584	1,478	1,733
Silver	70,436	42,459	37,198	30,766	39,806	32,345	32,729	41,906
Value of production:								
Gold	170	84	66	58	80	55	55	72
Silver	50	38	34	28	51	50	70	73
Ore (dry and siliceous) produced:¹								
Gold ore	16,550	3,584	2,234	2,267	3,113	8,076	2,780	(NA)
Gold-silver ore	948	433	120	347	206	157	199	(NA)
Silver ore	1,201	627	570	641	902	617	655	(NA)
Net industrial consumption:								
Gold	13	98	46	105	185	220	250	(NA)
Silver	44,499	110,000	101,400	102,000	137,000	171,032	145,293	141,516
Imports:²								
Gold	4,226	163	104	335	102	33	226	237
Silver	58	79	71	54	63	77	138	45
Exports:²								
Gold	1	514	7	2	1,285	1,005	839	12
Silver	3	4	4	27	61	96	247	89
Price, average per fine ounce:³								
Gold	35.00	35.00	35.00	35.00	35.00	35.00	30.20	(NA)
Silver	.711	.905+	.905+	.905+	1,293	1,550	2,144	1,791
World production (estimate):								
Gold	42,300	32,700	36,300	38,200	46,200	45,700	46,200	(NA)
Silver	275,400	203,300	224,000	241,300	256,400	250,000	272,500	(NA)

NA Not available. ¹ Gold and silver are also produced from base-metal ores and placers. In 1968, dry and siliceous ores accounted for 63 percent of gold produced and 39 percent of silver. ² Excludes coinage.

³ Treasury buying price, except New York price, for silver, beginning 1965. ⁴ Preliminary.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1056. GOLD AND SILVER—PRODUCTION, BY STATES: 1940 TO 1968

[In thousands of fine troy ounces. Based on arrivals at U.S. mints and assay offices and private refineries]

STATE	GOLD					SILVER				
	1940	1950	1960	1965	1968	1940	1950	1960	1965	1968
Total	4,863	2,289	1,680	1,676	1,540	68,287	42,300	36,800	39,000	31,700
Alaska	757	276	173	43	13	173	50	27	7	3
Arizona	299	111	158	154	100	6,130	5,089	5,338	6,100	5,149
California	1,444	410	125	61	15	2,225	1,000	188	177	293
Colorado	369	124	68	39	21	9,378	3,348	2,070	2,003	1,455
Idaho	145	69	6	5	3	17,477	15,903	17,814	18,100	16,466
Michigan	-	-	-	-	-	90	(2)	6	1,844	332
Missouri	-	-	-	-	-	145	233	81	80	396
Montana	273	57	46	26	16	12,152	7,178	3,970	5,100	2,802
Nevada	380	170	66	205	323	5,102	1,684	703	350	592
New Mexico	39	7	5	10	8	1,576	365	315	283	272
Oregon	114	10	1	(2)	(2)	192	12	(2)	4	(2)
South Dakota	587	572	551	656	622	171	143	109	131	137
Tennessee	(2)	(2)	(2)	(2)	(2)	39	26	123	138	83
Texas	(2)	(2)	-	-	-	1,295	4	-	3	1
Utah	352	392	314	359	334	11,688	6,709	5,132	5,241	4,300
Washington	84	89	163	98	85	389	358	696	355	419
Other States	19	2	3	-	-	66	82	229	84	30

- Represents zero. Z Less than 500 ounces.

¹ Includes an accumulation of silver recovered from lake copper (i.e., copper from underground mines located in the Great Lakes region); actual years of mine production unknown.

Source: Treasury Dept., Bureau of the Mint; *Annual Report of the Director*.

No. 1057. MOLYBDENUM CONCENTRATES—SUMMARY: 1940 TO 1969

[In thousands of pounds of contained molybdenum, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 217-218]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 ¹
Production	34,313	28,480	61,781	68,287	77,372	90,097	93,477	99,700
Shipments from mines	25,329	44,544	64,709	69,041	77,310	81,506	1,93,245	104,148
Average price per pound ²	.75	.91	1.05	1.25	1.55	1.62	1.62	1.72
Exports ³	6,585	6,235	14,580	30,244	24,098	30,000	29,006	57,584
Imports for consumption	-	3	134	-	142	1,179	1	-
Consumption	(NA)	26,020	38,799	44,784	68,112	58,967	75,647	73,274
Stocks (industry), Dec. 31	(NA)	4,326	2,730	3,481	4,208	9,019	12,208	8,373
World production (estimate)	38,300	32,000	75,000	89,100	95,531	126,416	125,673	142,000

- Represents zero. NA Not available. ¹ Preliminary.

² Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.

³ Includes roasted concentrates. ⁴ At mines and at plants making molybdenum products.

⁵ Free world.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.

Mining and Mineral Products

No. 1058. LEAD—SUMMARY: 1940 TO 1969

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 232-238]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (proj.)
Smelter production of refined primary lead	533	508	479	382	418	380	467	657
From domestic ores and base bullion ¹	433	419	321	220	305	259	349	525
From foreign ores and base bullion	100	90	158	154	113	121	118	132
Recovery of secondary lead	260	482	502	470	576	554	551	586
Imports, general:								
Lead in pigs, bars, and old	152	462	285	214	227	374	345	279
Lead in base bullion	20	3	—	(2)	1	1	(2)	2
Lead in ores and matte	111	77	177	146	123	124	88	109
Exports of refined pig lead ² ...short tons	24	3	(2)	2	8	7	8	5
Consumption of metal, primary and secondary	3,782	1,238	1,213	1,021	1,241	1,261	1,329	1,380
Average price, common lead:								
New York.....cents per pound	5.18	13.30	15.14	11.95	16.00	14.00	13.21	14.93
London.....cents per pound	(4)	13.29	12.19	9.04	14.37	10.28	10.88	13.15
Mine production of recoverable lead³:								
Value ⁴ \$.....\$1,000	457	431	338	247	301	317	360	502
Colorado.....	(NA)	(NA)	57,722	93,959	88,741	94,903	132,026	
Idaho.....	11	27	16	18	22	22	20	22
Missouri.....	105	100	64	48	67	61	55	65
Utah.....	172	135	125	112	134	153	213	352
World smelter production (estimate)	1,936	1,850	2,250	2,550	2,911	3,058	3,221	3,560

— Represents zero. NA Not available. Z Less than 500 tons.

¹ Excludes lead content of antimonial lead. ² Pigs, bars, and anodes.

³ Source: Estimated by American Bureau of Metal Statistics. ⁴ Official maximum price fixed by British Ministry of Supply at £25 per long ton. ⁵ Includes Alaska, except for 1967. ⁶ Preliminary.

No. 1059. NICKEL—SUMMARY: 1940 TO 1969

[Quantities in short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 221-224]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (proj.)
Mine production	—	—	4,411	14,078	16,188	15,287	17,294	16,763
Plant production: Primary	554	913	3,807	14,303	13,510	14,615	15,154	15,125
Secondary	4,152	8,795	11,540	9,431	19,407	20,731	14,061	20,000
Imports for consumption (estimated nickel content)	83,760	91,347	142,000	103,000	163,000	143,000	147,950	125,000
Exports (gross weight)	11,994	3,645	20,601	54,109	20,095	31,537	33,681	34,756
Consumption	(NA)	99,989	110,100	105,159	172,084	173,798	159,306	142,000
Stocks (consumer), Dec. 31	(NA)	5,907	9,001	11,360	14,047	31,007	26,534	15,000
Price per pound¹.....cents	35	40-50.5	64.5	74	79-77.75	85.25-94	94	103-128
World production (estimate)	144,800	162,000	263,000	353,000	468,347	485,723	545,000	530,000

— Represents zero. NA Not available.

¹ Price quoted U.S. buyers by International Nickel Co. Inc., for electrolytic nickel, U.S. duty included; 1940, f.o.b. New York; thereafter, f.o.b. Port Colborne, Ontario. ² Preliminary.

No. 1060. TIN—SUMMARY: 1940 TO 1969

[Quantities in long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (proj.)
Production:								
Domestic smelters.....	1,391	33,118	22,320	(D)	3,008	3,048	3,453	345
Secondary sources.....	29,700	31,680	28,340	22,050	25,076	22,667	22,495	23,030
Imports for consumption:								
Metal.....	124,810	82,838	64,815	39,538	40,816	50,223	57,358	54,049
Ore (tin content).....	3,000	25,960	20,112	14,026	4,236	3,255	2,282	—
Exports (domestic and foreign).....	12,864	799	1,107	857	2,829	2,479	4,405	3,217
Monthly price of Straits tin at New York, average cents per pound ¹	49.82	95.56	94.73	101.40	178.17	153.41	148.11	164.44
Consumption.....	97,154	104,464	90,483	80,560	84,011	80,638	81,901	80,371
World mine production (estimate) ²	238,300	169,300	197,200	180,400	201,115	215,006	226,624	(NA)

— Represents zero. D Withheld to avoid disclosure of individual company data. NA Not available.

¹ Foreign only. ² Source: *American Metal Market*. ³ Prior to 1955, excludes production of U.S.S.R.

Source of tables 1058-1060: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1061. TUNGSTEN—SUMMARY: 1940 TO 1969

[Excludes Hawaii and, from 1955, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 215-216]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Production:								
Concentrates, 60% WO ₃ basis..sh. tons	5,120	4,166	16,036	7,007	(D)	9,719	(D)	(D)
Tungsten content.....1,000 lb	4,873	3,965	15,833	6,669	(D)	9,250	9,817	9,306
Shipments from mines:								
Concentrates, 60% WO ₃ basis..sh. tons	5,319	4,820	16,412	7,325	7,949	9,088	10,704	9,883
Tungsten content.....1,000 lb	5,062	4,588	15,019	6,972	7,566	8,649	10,188	9,500
Reported value f.o.b. mines.....\$1,000	6,576	8,171	60,841	9,815	13,028	20,895	25,197	24,625
Average per pound of tungsten.....dollars	1.30	1.78	3.90	1.40	1.72	2.42	2.47	2.59
Imports (tungsten content):								
General.....1,000 lb	9,666	8,342	20,789	5,178	3,495	2,004	1,824	1,534
For consumption.....1,000 lb	5,611	16,147	20,700	3,525	3,618	1,699	1,743	1,503
Consumption (tungsten content).....1,000 lb	9,955	6,597	8,907	11,605	13,868	13,860	11,038	12,749
Stocks (tungsten content).....1,000 lb	2,897	5,337	4,025	5,545	1,845	2,109	1,177	1,056
World production (estimate) ².....sh. tons	48,100	42,300	82,900	72,200	63,197	62,558	70,425	71,642

D Withheld to avoid disclosure of individual company data.

¹ Producers, consumers, and dealers, end of year. ² Concentrates, 60% WO₃ basis.

No. 1062. URANIUM—SUMMARY: 1960 TO 1969

[In short tons, except as indicated]

ITEM	1960	1964	1965	1966	1967	1968	1969 (prel.)
Mine ore shipments.....1,000	7,970	5,360	4,386	4,353	5,278	6,447	6,350
Value.....\$1,000	152,188	116,297	84,154	77,524	80,450	93,496	90,800
Recoverable content (U ₃ O ₈).....1,000 lb	(N/A)	27,171	10,727	10,037	20,655	24,139	23,800
Value.....\$1,000	(N/A)	217,375	167,828	152,281	165,239	182,698	178,000
Production, concentrate (U₃O₈):							
Atomic Energy Commission procurement.....	(N/A)	11,347	10,442	9,487	8,425	7,338	6,140
Cost.....\$1,000	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	117,026	72,000
Private industry sales ¹	(N/A)	(N/A)	(N/A)	100	700	5,000	6,080
Imports for consumption concentrate (U ₃ O ₈).....	16,770	5,756	2,986	2,123	1,309	470	1,504
Value.....\$1,000	(N/A)	110,707	58,103	41,286	12,593	5,000	14,601
World production ²	41,130	26,204	20,586	19,520	15,978	12,344	21,810

NA Not available. ¹ Estimated. ² Free world.

No. 1063. ZINC—PRODUCTION AND PRICES: 1940 TO 1969

[Quantities in thousands of short tons. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series M 239-240, for production]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Smelter production of primary slab zinc¹:								
Value.....\$1,000	675	843	964	800	994	939	1,021	1,069
Source:	85,085	240,051	236,829	205,476	290,763	282,121	275,670	312,160
From domestic ores.....	590	588	583	334	551	439	499	509
From foreign ores.....	85	255	381	465	443	500	521	560
Production of redistilled secondary slab zinc.....	49	87	66	69	84	74	80	80
Average price of common zinc at East St. Louis.....cents per lb	6.34	13.88	12.30	12.95	14.50	13.85	13.50	14.65
Mine production of recoverable zinc:								
Colorado.....	665	623	515	435	611	549	529	544
Idaho.....	5	46	35	31	54	52	50	54
New Jersey.....	71	88	53	37	58	57	57	58
New York.....	91	55	12	—	38	26	26	25
Pennsylvania.....	36	38	53	66	70	71	66	68
Tennessee.....	35	35	40	91	122	113	124	127
Utah.....	44	32	44	35	28	34	33	33
Wisconsin.....	6	6	18	18	27	29	28	23
Other States.....	377	323	260	143	186	132	117	133
World smelter production (estimate).....	1,786	2,170	2,980	3,335	4,353	4,550	5,017	5,550

¹ Represents zero.² Beginning 1960, includes production of zinc used directly in alloying operations.² Preliminary.Source of tables 1061-1063: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1064. BAUXITE—SUMMARY: 1940 TO 1969

[Quantities in thousands of long tons; values in thousands of dollars. Excludes Alaska and Hawaii prior to 1960, except imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See *Historical Statistics, Colonial Times to 1957*, series M 249, for production]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Production:								
Crude ore	510	1,585	2,130	2,400	1,990	2,051	2,071	2,233
Dried-bauxite equivalent	430	1,385	1,788	1,908	1,654	1,654	1,665	1,843
Value	1,754	7,693	14,543	21,107	18,632	18,079	23,752	26,725
Shipments:								
Gross weight (as shipped)	507	1,452	2,012	1,925	2,065	2,107	2,036	2,116
Dried-bauxite equivalent	438	1,387	1,727	1,654	1,785	1,826	1,749	1,844
Value	1,745	9,549	15,559	19,559	21,085	22,579	26,247	27,028
Imports for consumption ² (crude and dried)	1,630	2,516	4,882	8,730	11,199	11,594	10,976	13,800
Value	4,299	15,730	63,656	78,024	142,989	151,418	140,228	165,630
Exports (as shipped)	82	45	14	20	147	2	7	5
Value	1,543	1,156	528	2,588	10,736	218	360	460
World production (estimate)	4,321	8,050	17,500	27,205	36,849	43,889	42,880	51,113

¹ Shipments from mines and processing plants to consumers.

² Beginning 1955, import figures adjusted to dry equivalent for Jamaican, Haitian, and Dominican Republic bauxite. Other imports on "as shipped" basis.

No. 1065. ALUMINUM—SUMMARY: 1940 TO 1969

[Quantities in thousands of short tons; values in millions of dollars. Excludes Alaska and Hawaii prior to 1960, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 251-255]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969 (prel.)
Total production:								
Value	287	962	1,902	2,344	3,395	3,967	4,072	4,781
Primary aluminum:	105	316	881	1,201	1,651	1,972	2,058	2,610
Production	206	719	1,566	2,014	2,754	3,289	3,255	3,793
Value	75	236	684	1,030	1,388	1,614	1,040	2,071
Price cents per pound ¹	18.7	17.7	23.7	26.0	24.5	25.0	25.6	27.3
Secondary aluminum:								
Production (recovered) ²	80	244	336	329	641	698	817	988
From old scrap	46	76	76	63	180	129	155	119
From new scrap	35	167	260	287	481	569	602	869
Value ³	20	80	147	171	313	358	418	630
Imports for consumption ⁴	18	256	239	196	620	539	785	559
Value ⁴	5	68	105	103	268	246	353	260
Exports ⁴	28	23	34	384	315	306	351	488
Value ⁴	18	13	20	174	170	207	196	284
Total apparent consumption	306	1,200	2,111	2,016	3,734	4,009	4,656	4,665
World production (estimate)	808	1,640	3,460	4,950	6,951	8,343	8,876	10,019

¹ As quoted, 90+ percent virgin ingot. Source: *American Metal Market*.

² Through 1950, recoverable aluminum-alloy content; thereafter, recoverable aluminum content.

³ Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.

⁴ Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap).

⁵ Beginning 1955, not comparable with earlier years.

No. 1066. MAGNESIUM—SUMMARY: 1940 TO 1969

[In thousands of short tons, except as indicated. Excludes Alaska and Hawaii prior to 1960, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See *Historical Statistics, Colonial Times to 1957*, series M 250-258, for production]

ITEM	1940	1950	1955	1960	1965	1967	1968	1969
Production:								
Primary magnesium, Ingot equivalent	6.3	15.7	61.1	40.1	81.4	97.4	98.4	99.9
Secondary magnesium, Ingot equivalent	(NA)	9.5	10.2	10.3	13.6	13.4	15.5	13.0
Average price per pound, primary (quoted) cents	27.0	22.0	29.5	35.25	35.25	35.25	35.25	35.25
Exports	0.9	0.9	8.5	5.1	18.3	13.2	19.5	27.4
Imports, metallic and scrap ¹	—	0.8	1.8	0.4	2.6	9.2	4.1	3.5
Domestic consumption ²	5.8	18.1	46.5	37.1	60.6	90.8	86.4	95.1
World primary production (estimate)	42.0	50.0	132.0	102.5	178.3	208.6	212.6	214.7

¹ Represents zero. NA Not available.

² Represents imports for consumption. ¹ 1940 data, primary and secondary; thereafter, primary only.

Source of tables 1064-1066: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

Section 27

Construction and Housing

This section presents data on the construction industries and on various measures of construction activity and costs; housing units, values, facilities, and structural characteristics; residential financing; and urban renewal.

The principal source of these data is the Bureau of the Census, which issues the monthly *Construction Reports* series (see below); the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies* and the irregularly-issued *Housing Characteristics*; and various reports of the censuses of housing and of construction industries. It also provides many of the data published by the Business and Defense Services Administration in the monthly *Construction Review*, which brings together the major construction statistics series compiled by the Federal Government and also some series from private agencies. Other sources include the monthly *Dodge Construction Contract Statistics Services* of F. W. Dodge Division, McGraw Hill Information Systems Company, New York, N.Y., which presents State data on construction contracts; and the *Statistical Yearbook* of the Department of Housing and Urban Development.

Construction.—The 1967 Census of Construction Industries covered construction establishments as defined in the *Standard Industrial Classification Manual* issued by the Bureau of the Budget. A construction establishment was defined as a relatively permanent place of business where the usual business activities related to construction were conducted. Reports were required from all establishments with a payroll equivalent of 10 or more employees and all establishments operated by multi-establishment companies. Data for single unit companies with a payroll equivalent of less than 10 employees were estimated on the basis of a probability sample survey. In addition, limited data for more than 400,000 construction establishments without payroll were developed from Government administrative records.

Current construction statistics compiled by the Bureau of the Census appear in the *Construction Reports* series. Monthly statistics supplemented by additional quarterly or annual data are published in reports with the following subtitles: *Housing Starts*, presenting data on the start of construction by type of unit; *Sales of New One-Family Homes*, which includes data also on homes available for sale; *Value of New Construction Put in Place*, which also includes monthly composite construction cost indexes and an annual price index for new one-family homes sold; and *Housing Authorized by Building Permits and Public Contracts*, which covers approximately 13,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly in *Expenditures on Residential Additions, Alterations, Maintenance and Repairs, and Replacements* and annually in *Residential Alterations and Repairs*. Historical data on housing starts and building permits appear in *Housing Construction Statistics, 1899 to 1964*.

Housing.—From 1850 through 1930, the Bureau of the Census collected some housing data in conjunction with censuses of population and agriculture. Beginning in 1940, censuses of housing have been taken at 10-year intervals. The 1960 census provided data on occupancy and structural characteristics, condition, plumbing facilities, equipment, fuels, financing, and components of inventory change. Data from the 1970 census were not available in time for inclusion in this book.

Estimates based on evaluation studies of the 1950 and 1960 censuses indicate a net undercount of about 2.3 percent for occupied housing units in 1950 and about 2.0 percent in 1960. The estimates for 1950 and 1960 are not strictly comparable due to differences in timing, procedures, and other factors. The data have not been adjusted to reflect the estimated undercount.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters, that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) a kitchen or cooking equipment for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

Residential financing.—The Bureau of the Census began collection of detailed statistics on residential mortgages in 1890. In the 1920 and 1940 censuses, mortgage questions were asked of owners who occupied their own homes. In 1950, the census included a separate survey covering nonfarm residential mortgaged properties, both owner and renter. As part of the 1956 National Housing Inventory, data were collected on the financing of owner-occupied nonfarm properties. In 1960, the Residential Finance Survey covered financing of both home owner and rental properties and characteristics of nonmortgaged as well as mortgaged properties.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Federal Housing Administration and the Veterans Administration compile data from their records on various aspects of home financing.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 1067. SELECTED CONSTRUCTION INDUSTRIES—SUMMARY, BY INDUSTRY: 1967

[Employment in thousands; money figures in millions of dollars. Based on a probability sample of about 125,000 construction establishments with payroll. "N.e.c." means not elsewhere classified]

INDUSTRY	Number of estab- lish- ments	EMPLOYEES (average)		PAYROLL		RECEIPTS		Value added ¹
		Total	Con- struc- tion workers	Total	Con- struc- tion workers	Total	Net con- struc- tion ²	
Total contract construction industries and operative builders	349,363	3,401	2,942	23,971	19,723	94,683	69,274	42,014
Contract construction	337,319	3,333	2,805	23,539	19,460	90,182	67,133	40,853
General building contractors	90,576	873	754	5,601	4,514	33,788	17,711	9,738
Heavy construction contractors	32,468	871	745	6,980	5,605	24,262	19,817	12,551
Highway and street construction	14,713	307	271	2,198	1,846	9,090	7,274	4,550
Heavy construction, n.e.c.	17,755	365	474	4,783	3,819	15,172	12,542	7,902
Special trade contractors	214,275	1,588	1,398	10,957	9,280	32,132	29,605	18,564
Plumbing, heating, air conditioning	46,679	371	300	4,870	2,331	10,084	8,793	4,782
Painting, paper hanging, decorating	29,325	139	130	794	720	1,782	1,700	1,304
Electrical work	25,357	241	204	1,991	1,659	5,470	5,270	3,106
Masonry and other stonework	19,717	144	137	811	753	1,949	1,882	1,298
Plastering and lathing	5,999	48	45	310	290	728	674	490
Terrazzo, tile, marble, mosaic work	4,816	32	28	192	161	563	545	325
Carpentering	17,218	80	76	440	410	1,189	1,077	783
Floor laying and floor work, n.e.c.	7,610	38	33	238	198	786	746	434
Roofing and sheet metalwork	15,226	133	115	839	685	2,424	2,290	1,416
Concrete work	10,837	83	77	491	440	1,422	1,339	835
Water well drilling	4,048	14	12	73	60	334	317	103
Structural steel erection	2,040	42	38	327	281	754	704	551
Glass and glazing work	1,791	12	9	88	64	298	270	162
Excavating and foundation work	8,345	51	46	335	292	1,113	1,010	805
Wrecking and demolition work	1,135	10	9	62	51	173	151	145
Installing building equipment, n.e.c.	869	19	15	182	140	551	533	355
Other	13,263	129	112	904	747	2,502	2,284	1,518
Operative builders	12,044	67	47	432	264	4,501	2,141	3,1,161

¹ Construction receipts less payments for construction work subcontracted to others, not shown separately here.

² Total receipts less (a) payments for materials, components, and supplies, (b) payments for construction work subcontracted to others, not shown separately. ³ Also excludes land receipts.

FIG. XLII. VALUE OF NEW CONSTRUCTION: 1960 TO 1969

[See table 1068]

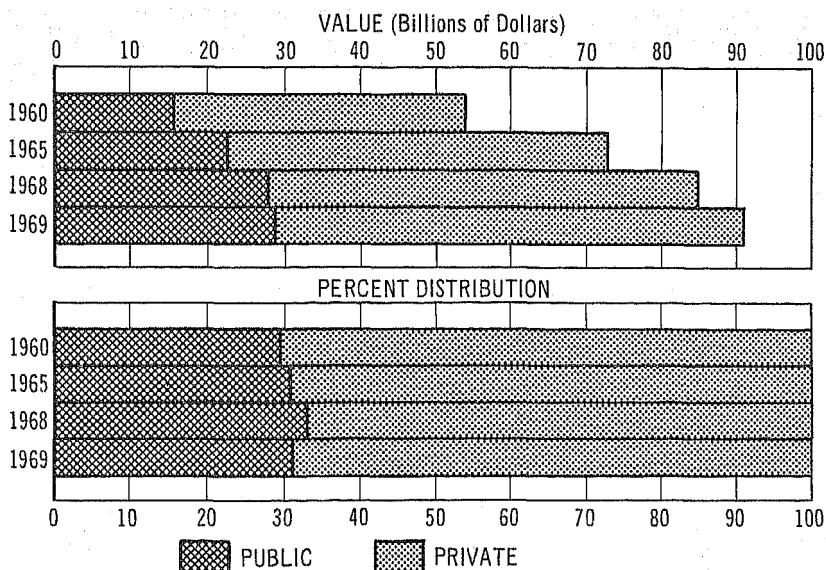
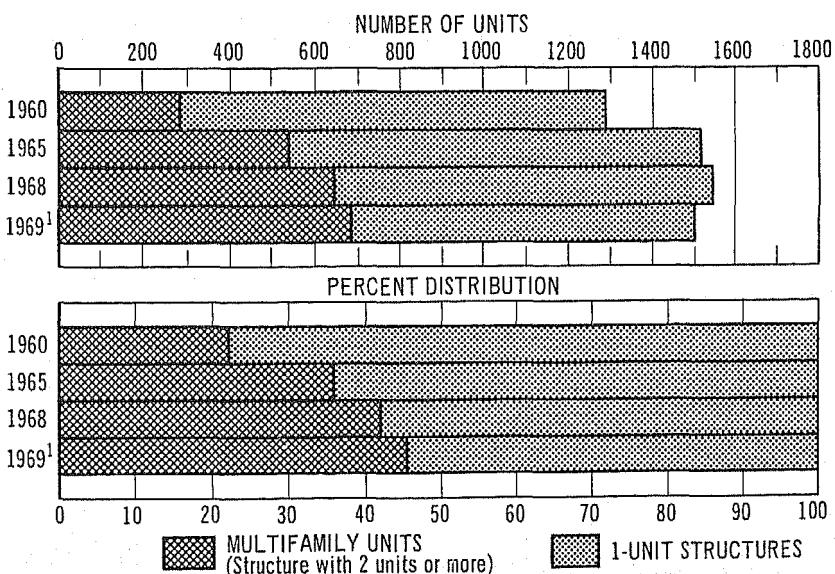


FIG. XLIII. NEW HOUSING UNITS STARTED: 1960 TO 1969

[See table 1082]

¹ Preliminary.

Source of figs. XLI and XLII: Dept. of Commerce, Bureau of the Census.

No. 1068. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1950 TO 1969

[In millions of dollars.] Prior to 1960, excludes Alaska and Hawaii. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For 1946 to 1961, see Department of Commerce, Bureau of the Census, *Construction Reports C30-61* (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 1-28]

TYPE OF CONSTRUCTION	1950	1955	1960	1965	1966	1967	1968	1969
Total	33,575	46,519	53,941	72,319	75,120	76,160	84,690	90,866
Private								
Percent of total	26,709	34,804	38,078	50,253	51,120	50,587	56,996	62,806
Residential buildings (nonfarm)	18,126	21,877	21,706	26,263	23,971	23,736	28,823	30,603
New housing units	15,551	18,242	16,410	20,351	17,964	17,885	22,423	23,680
Additions and alterations	2,400	3,296	(1)	4,431	4,585	(1)	(1)	(1)
Nonhousekeeping	175	339	865	1,486	1,422	1,266	1,383	1,461
Nonresidential buildings ^a	3,904	7,611	10,149	16,592	18,595	18,106	18,800	22,033
Industrial	1,062	2,399	2,851	5,118	6,079	6,181	5,694	6,373
Commercial ^b	1,415	3,218	4,180	6,739	6,879	6,982	8,333	10,186
Religious	409	734	1,013	1,207	1,164	1,093	1,038	949
Educational	294	492	566	735	951	1,032	984	906
Hospital and institutional	344	351	605	1,400	1,449	1,372	1,566	2,252
Other nonresidential buildings	380	417	934	1,393	1,473	1,496	1,285	1,417
Farm construction	1,522	1,385	1,321	1,180	1,245	1,324	(1)	(1)
Operator dwellings	642	532	500	445	467	408	(1)	(1)
Other farm construction	880	853	821	744	773	826	(1)	(1)
Public utilities	3,045	3,770	4,821	5,788	6,825	(1)	(1)	(1)
Telephone and telegraph	440	805	1,088	1,463	1,609	1,638	1,704	2,172
Other public utilities	2,605	2,966	3,533	4,325	5,216	(1)	(1)	(1)
Railroads	269	321	270	310	400	(1)	(1)	(1)
Electric light and power ^c	1,240	1,572	2,026	2,580	3,060	(1)	(1)	(1)
Gas	859	922	1,105	1,304	1,614	(1)	(1)	(1)
Petroleum pipelines ^c	237	150	132	122	142	(1)	(1)	(1)
All other private	112	161	281	416	484	454	578	741
Public								
Percent of total	6,866	11,715	15,863	22,065	24,000	25,573	27,694	28,060
Buildings ^d	2,732	4,462	5,511	7,875	8,920	9,974	10,445	11,226
Housing and redevelopment	345	266	716	601	655	706	746	1,047
Industrial	224	721	407	368	359	406	517	612
Educational	1,133	2,442	2,818	4,284	5,333	5,987	6,001	5,889
Hospital	499	300	401	519	511	634	694	804
Other public buildings	531	733	1,169	2,103	2,052	2,241	2,427	2,995
Highways and streets	2,134	3,852	5,437	7,550	8,355	8,538	9,295	9,276
Military facilities	177	1,287	1,366	852	769	721	824	946
Conservation and development	942	701	1,175	2,019	2,195	2,196	2,046	1,790
Other public construction	881	1,413	2,374	3,770	3,761	4,144	5,084	4,817
Sewer systems	383	615	882	1,195	1,300	1,058	1,551	1,344
Water supply facilities	276	470	605	1,266	1,066	1,270	1,514	1,336
Miscellaneous public construction	222	328	887	1,309	1,395	1,816	2,019	2,187

¹ Not available; estimate included in totals.

² Beginning 1965, new series, essentially comparable in level with old series. See *Construction Reports C30-66S*.

³ Excludes building by privately owned public utilities.

⁴ Includes construction with REA funds.

⁵ Through 1965, includes local transit.

⁶ Beginning 1965, new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Reports C30-66S*.

⁷ Prior to 1965, excludes military buildings.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

Value of Construction

671

No. 1069. VALUE OF NEW CONSTRUCTION IN 1957-59 PRICES, AND INDEX OF PHYSICAL VOLUME: 1950 TO 1969

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. For description and computation of the various indexes used in the derivation of constant values, see source. Represents value of construction put in place. For 1948 to 1961 see Department of Commerce, Bureau of the Census, *Construction Reports C30-61* (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1967*, series N 29-54]

TYPE OF CONSTRUCTION	1950	1955	1960	1965	1966	1967	1968	1969
New construction	43,576	51,717	52,171	62,896	62,941	61,144	64,432	64,169
Index of physical volume (1957-59=100)	85	101	101	122	122	119	125	125
Private	34,309	38,394	36,518	43,780	43,208	40,967	43,775	44,911
Percent of total	78.7	74.2	70.0	69.6	68.6	67.0	67.9	70.0
Residential buildings (nonfarm)	22,447	23,649	20,824	23,082	20,561	19,413	22,369	22,364
New housing units	19,257	19,722	15,747	17,882	16,412	14,623	17,399	17,311
Additions and alterations	2,975	3,562	(1)	3,893	3,930	(1)	(1)	(1)
Nonhousekeeping	215	365	828	1,307	1,210	1,086	1,076	1,068
Nonresidential buildings ²	5,321	8,668	9,690	13,950	15,131	14,197	13,837	14,874
Industrial	1,447	2,807	2,803	4,541	5,749	5,131	4,427	4,590
Commercial ³	1,930	3,623	3,943	5,491	5,416	5,312	5,981	6,692
Religious	568	823	958	1,001	915	821	729	610
Educational	399	553	635	609	749	776	692	591
Hospital and institutional	470	395	569	1,162	1,142	1,082	1,099	1,461
Other nonresidential buildings	517	467	882	1,155	1,160	1,125	909	921
Farm construction	1,900	1,511	1,270	1,116	1,121	1,144	(1)	(1)
Operator dwellings	785	573	480	414	414	418	(1)	(1)
Other farm construction	1,124	938	700	707	707	726	(1)	(1)
Public utilities	4,470	4,384	4,474	5,294	6,024	(1)	(1)	(1)
Telephone and telegraph	574	865	1,059	1,353	1,425	1,341	1,367	1,579
Other public utilities	3,896	3,519	3,415	3,941	4,589	(1)	(1)	(1)
Railroads	363	368	261	302	372	(1)	(1)	(1)
Electric light and power ⁴	1,870	1,866	1,980	2,408	2,759	(1)	(1)	(1)
Gas	1,308	1,110	1,047	1,117	1,342	(1)	(1)	(1)
Petroleum pipelines ⁵	346	177	127	114	126	(1)	(1)	(1)
All other private	162	182	260	329	371	381	393	464
Public ⁶	9,267	13,323	15,653	19,116	19,733	20,177	20,657	19,258
Percent of total	21.8	25.8	30.0	30.4	31.4	33.0	32.1	30.0
Buildings ⁷	8,682	5,039	5,287	6,581	7,102	7,588	7,462	7,408
Housing and redevelopment	430	288	686	527	560	581	581	768
Industrial	304	848	402	324	317	340	410	369
Educational	1,543	2,742	2,684	3,554	4,199	4,504	4,272	3,799
Hospital	682	338	380	434	405	477	489	522
Other public buildings	723	823	1,105	1,742	1,621	1,686	1,710	1,950
Highways and streets	2,722	4,306	5,758	7,108	7,365	7,260	7,565	6,886
Military facilities	234	1,467	1,336	733	636	573	623	663
Conservation and development	1,351	799	1,089	1,605	1,676	1,611	1,406	1,134
Other public construction	1,278	1,622	2,233	3,080	2,954	3,136	3,001	3,167
Sewer systems	550	702	817	951	993	778	1,065	849
Water supply facilities	397	536	663	1,005	814	931	1,043	846
Miscellaneous public construction	331	384	853	1,133	1,147	1,427	1,493	1,472

¹ Not available; estimate included in totals.

² Beginning 1965, new series, essentially comparable in level with old series. See *Construction Reports C30-66S*.

³ Excludes building by privately owned public utilities.

⁴ Includes construction with REA funds.

⁵ Through 1955, includes local transit.

⁶ Beginning 1965, includes new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Reports C30-66S*.

⁷ Prior to 1965, excludes military buildings.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

Construction and Housing

No. 1070. VALUE OF NEW CONSTRUCTION PUT IN PLACE, BY TYPE, BY QUARTERS:
1968 TO 1970

[In millions of dollars]

TYPE OF CONSTRUCTION	1968				1969				1970, Jan.- Mar.
	Jan.- Mar.	Apr.- June	July- Sept.	Oct.- Dec.	Jan.- Mar.	Apr.- June	July- Sept.	Oct.- Dec.	
New construction.....	16,780	21,646	23,759	22,505	18,594	23,649	25,595	23,028	18,262
Private ¹									
Residential buildings (non-farm).....	11,387	14,319	15,804	15,486	12,776	16,034	17,606	16,390	12,759
New housing units.....	5,390	7,408	8,291	7,725	6,268	8,312	8,617	7,406	5,474
Nonhousekeeping.....	4,242	5,616	6,337	6,228	5,014	6,235	6,577	5,863	4,247
Nonresidential buildings ¹	320	321	352	390	346	384	388	393	337
Industrial.....	4,098	4,623	4,041	5,143	4,491	5,196	6,159	6,187	5,019
Commercial.....	1,238	1,318	1,410	1,610	1,366	1,509	1,741	1,757	1,311
Religious.....	1,664	2,049	2,296	2,334	2,010	2,363	2,877	2,896	2,354
Educational.....	227	266	278	267	208	237	262	242	201
Hospital and institutional.....	241	259	249	235	205	230	257	214	174
Telephone and telegraph.....	355	381	384	446	440	522	625	665	604
All other private.....	304	392	451	497	422	522	580	648	647
142	142	151	138	104	169	258	210	178	
Public ²									
Buildings.....	5,393	7,327	7,955	7,019	5,818	7,615	7,989	6,638	5,503
Housing and redevelopment.....	2,345	2,758	2,722	2,620	2,614	3,137	2,906	2,509	2,436
Industrial.....	133	224	174	215	297	256	287	267	271
Educational.....	122	143	119	133	121	161	111	119	112
Hospital.....	1,367	1,596	1,644	1,454	1,311	1,697	1,525	1,385	1,262
Other public buildings.....	185	169	161	179	175	193	224	212	214
Highways and streets.....	1,420	2,504	3,011	2,270	1,491	2,434	3,037	2,314	1,564
Military facilities.....	159	177	217	271	202	261	245	237	183
Conservation and development.....	456	621	531	538	393	477	468	458	365
Other public construction.....	1,013	1,277	1,474	1,320	1,118	1,306	1,333	1,060	971
Sewer systems.....	242	339	557	363	304	369	352	319	300
Water supply facilities.....	343	384	386	401	347	373	348	268	244
Misc. public construction.....	428	504	531	556	467	564	633	473	427

¹ Includes estimates for types of construction not shown separately.

² Includes estimates for additions and alterations. ³ See footnote 6, table 1069.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

No. 1071. BUILDING PERMITS—VALUATION OF PRIVATE CONSTRUCTION AUTHORIZED
1960 to 1969

[In millions of dollars. The "10,000, 12,000, and 13,000 place" series are based on a U.S. total of approximately 10,000, 12,000, and 13,000 places identified in 1959, 1962, and 1967, respectively, as having local building permit systems.]

TYPE OF CONSTRUCTION	10,000 PLACE SERIES			12,000 PLACE SERIES			13,000 PLACE SERIES		
	1960	1963	1963	1965	1967	1967	1968	1969 (prel.)	
Total.....	10,761	24,557	25,630	27,852	28,153	28,980	34,202	36,125	
New housing units.....									
In structures with—	11,327	14,606	15,213	15,385	14,508	15,004	18,319	18,364	
1 unit.....	9,427	10,088	10,658	11,117	10,512	10,965	12,406	11,513	
2-4 units.....	491	952	970	741	647	657	818	863	
5 units or more.....	1,408	3,565	3,585	3,526	3,350	3,383	5,095	5,988	
New nonhousekeeping residential bldg.....	270	376	388	482	443	521	607	790	
New nonresidential buildings.....	5,982	7,045	7,455	8,170	10,224	10,450	11,939	13,412	
Industrial buildings.....	1,138	1,455	1,740	2,252	2,487	2,556	2,669	3,086	
Office buildings.....	1,039	1,281	1,297	1,572	1,737	1,755	2,465	2,760	
Service stations and repair garages.....	115	169	175	218	245	257	265	263	
Stores and other mercantile buildings.....	1,146	1,215	1,247	1,838	1,898	1,915	2,313	2,678	
Religious buildings.....	548	501	524	617	566	584	579	470	
Educational buildings.....	441	651	659	715	807	819	861	640	
Hospitals and other institutional bldg.....	340	719	730	810	937	944	1,155	1,350	
Amusement buildings.....	195	169	174	181	205	210	226	278	
Residential garages.....	202	224	234	226	207	211	224	220	
All other nonresidential buildings.....	818	661	675	749	1,134	1,208	1,233	1,644	
Additions and alterations.....	2,182	2,590	2,576	2,806	2,978	2,996	3,107	3,560	

Source: Dept. of Commerce, Bureau of the Census, In Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

No. 1072. VALUE OF NEW PUBLIC CONSTRUCTION, BY SOURCE OF FUNDS, OWNERSHIP, AND TYPE: 1950 TO 1969

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Complete series from 1946 to 1962 in Department of Commerce, Business and Defense Services Administration, *Construction Statistics, 1915-1964*, a supplement to *Construction Review* and, from 1963 to date, in current issues of *Construction Review*. For 1915 to 1945 source of funds totals, see *Historical Statistics, Colonial Times to 1957*, series N 55-58.]

ITEM	1950	1955	1960	1965	1966	1967	1968	1969
New public construction.....	6,866	11,715	15,863	22,066	24,000	25,573	27,694	28,060
Federal funds.....								
Direct Federal.....	2,078	3,508	5,889	7,312	7,464	(NA)	(NA)	(NA)
Federal grants-in-aid ¹	1,624	2,769	3,622	4,018	3,957	3,512	3,456	3,400
State and local funds.....	454	739	2,267	3,294	3,507	(NA)	(NA)	(NA)
Federally owned.....	4,788	8,207	9,974	14,754	16,536	(NA)	(NA)	(NA)
Buildings ²	1,624	2,769	3,622	4,018	3,957	3,512	3,456	3,400
Housing and redevelopment.....	514	804	1,024	1,442	1,281	983	942	909
Industrial.....	15	2	288	146	81	28	60	140
Educational.....	224	721	407	368	360	406	517	512
Hospital ³	146	22	66	120	130	21	14	11
Other Federal buildings.....	129	53	253	794	688	434	286	241
Highways and streets.....	45	70	136	169	198	191	(NA)	(NA)
Military facilities ⁴	177	1,287	1,368	852	769	721	824	945
Conservation and development.....	881	598	1,005	1,506	1,666	1,560	1,430	1,203
Miscellaneous Federal construction.....	7	10	91	49	43	48	47	25
State and locally owned ⁴	5,242	8,946	12,241	18,048	20,043	22,061	24,238	24,661
Buildings ²	2,218	3,658	4,487	6,433	7,639	8,991	9,603	10,227
Housing and redevelopment.....	330	264	428	455	574	678	686	907
Educational.....	1,133	2,436	2,708	4,270	5,320	5,966	6,047	5,887
Hospital.....	353	278	345	399	381	540	629	700
Other State and local buildings.....	402	680	916	1,309	1,364	1,807	2,141	2,754
Highways and streets.....	2,089	3,782	5,301	7,381	8,157	8,347	9,088	9,039
Conservation and development.....	61	103	170	513	529	627	610	593
Other State and local construction.....	874	1,403	2,283	3,721	3,718	4,096	5,037	4,792
Sewer systems.....	383	615	882	1,195	1,300	1,058	1,551	1,344
Water supply facilities.....	276	470	605	1,266	1,066	1,270	1,514	1,386
Miscellaneous State and local construction.....	215	318	798	1,260	1,352	1,768	1,972	2,112

¹ Represents zero. NA Not available. ² Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities.

² Prior to 1965, excludes military buildings. ³ Beginning 1965, new series. 1960 and earlier years, military hospitals included with Federally owned hospitals; thereafter, with military facilities.

⁴ Beginning 1965, new series; see footnote 6, table 1069.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30, and unpublished data.

No. 1073. EXPENDITURES BY RESIDENTIAL PROPERTY OWNERS FOR IMPROVEMENTS AND MAINTENANCE AND REPAIRS: 1962 AND 1969

[In millions of dollars, except averages. Expenditures for one type of construction work done incidental to another type are included under latter type]

YEAR AND TYPE OF EXPENDITURE	All properties	1-4 unit properties with owner occupant	Other properties ¹	CONSTRUCTION IMPROVEMENTS			Maintenance and repairs	
				Additions and alterations				
				Total	Residential structure	Other property		
1962: All properties.....	11,024	7,105	3,919	4,442	3,512	930	1,739	
Average per property.....	\$248	\$211	\$866	(NA)	(NA)	(NA)	(NA)	
Heating and central air conditioning.....	887	674	213	242	242	(NA)	347	
Plumbing.....	1,246	730	516	162	162	(NA)	429	
Roofing.....	511	531	280	(NA)	(NA)	(NA)	483	
Painting.....	2,076	1,295	781	(NA)	(NA)	(NA)	2,076	
Not specified.....	6,004	3,875	2,129	4,038	3,108	930	480	
1969: All properties.....	13,535	9,431	4,104	5,885	4,503	1,382	2,170	
Average per property.....	\$280	\$250	\$388	(NA)	(NA)	(NA)	(NA)	
Heating and central air conditioning.....	1,255	939	317	617	(NA)	(NA)	378	
Plumbing.....	1,265	740	525	284	284	(NA)	439	
Roofing.....	1,019	715	305	(NA)	(NA)	(NA)	615	
Painting.....	2,429	1,411	1,018	(NA)	(NA)	(NA)	2,429	
Not specified.....	7,568	5,627	1,930	4,084	3,602	1,382	744	

NA Not available.

¹ 1-4 housing unit properties with no unit owner occupied and all properties with 5 housing units or more.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C50-67A and C50-69A.

No. 1074. FEDERAL OUTLAYS FOR PUBLIC WORKS: 1960 TO 1971

[In millions of dollars. For years ending June 30. Includes Federal outlays for U.S. Government-owned construction in the United States and abroad and for grants and loans in aid of construction by State and local governments. Although generally consistent definitions are employed in the value-put-in-place data shown in table 1072, there are differences in coverage, timing, and system of classification. For additional details, see Department of Commerce, Bureau of the Census, *Construction Report C30-66S* and the source cited below.]

TYPE OR FUNCTION	1960	1965	1966	1967	1968	1969	1970 est.	1971 est.
Total Federal outlays	6,846	8,886	9,428	9,572	9,520	9,683	10,336	11,331
By type:								
Direct Federal construction	3,463	4,152	4,693	4,483	3,972	3,932	3,904	4,486
Grants	3,226	4,507	4,446	4,730	5,204	5,479	6,048	6,808
Net lending ¹	156	167	289	359	284	272	324	337
By function:								
Civil public works	5,011	7,521	7,742	7,836	8,000	7,923	8,787	9,792
International affairs and finance	28	11	13	27	17	12	16	11
Space research and technology	54	531	572	289	126	65	80	72
Agriculture and rural development	43	3	-3	35	53	44	57	51
Natural resources	1,131	1,699	1,920	1,991	2,012	1,857	1,961	2,507
Commerce and transportation	3,174	4,560	4,253	4,323	4,032	4,820	5,320	5,600
Community development and housing	20	59	35	80	110	147	184	236
Education and manpower	231	200	392	557	510	408	467	415
Health	81	111	171	164	232	196	301	299
Income security	9	(z)	2	1	1	8	10	6
Veterans benefits and services	60	84	87	62	54	66	99	78
General government	179	205	300	307	261	240	312	518
National defense public works	1,835	1,366	1,686	1,736	1,520	1,760	1,549	1,538
Military public works	1,618	1,156	1,508	1,601	1,348	1,509	1,251	1,259
Civil defense public works	(z)	3	4	5	10	7	6	4
Atomic energy facilities	218	206	176	130	167	243	293	275

Z Less than \$500,000.

¹ Data through 1966 do not reflect repayments deposited to miscellaneous receipts; beginning 1967, such payments are netted against disbursements.

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government, 1971*, Special Analysis P, and similar analyses for prior years.

No. 1075. CONSTRUCTION MATERIALS—INDEXES OF WHOLESALE PRICES: 1950 TO 1969

[1957-59=100, except as noted. Prior to 1965, excludes Alaska and Hawaii. For discussion of wholesale price index, see text, p. 337]

COMMODITY	1950	1955	1960	1965	1969	COMMODITY	1950	1955	1960	1965	1969
All materials ¹	83.0	95.1	100.5	100.8	117.7	Plumbing fixture ²	84.5	98.0	103.1	104.7	118.7
Softwood lumber:						Enameling iron	95.6	108.0	104.8	94.9	105.1
Douglas fir	97.4	108.1	99.0	102.4	146.1	Vitreous china	94.4	98.4	102.5	93.0	102.5
Southern pine	94.1	100.4	100.1	97.2	134.1	Brass fittings	72.8	91.7	108.6	118.7	144.4
Other	89.2	102.6	97.2	97.8	141.8	Heating equipment	86.7	95.0	98.1	91.7	97.6
Hardwood lumber	93.8	97.0	103.8	111.3	137.1	Steam and hot water	73.5	89.0	102.9	102.5	110.7
Millwork	87.7	98.4	104.5	107.7	132.2	Metal doors, sash, and trim	79.0	100.2	95.3	92.0	104.5
Plywood	108.4	107.4	97.8	92.3	109.3	Plate glass	78.1	92.8	96.4	81.4	93.0
Softwood	121.5	117.7	92.9	86.8	114.2	Concrete:					
Hardwood	96.7	97.9	102.8	98.2	101.6	Ingredients	77.1	90.2	102.7	103.2	115.6
Building paper and board						Portland cement	72.1	87.7	103.5	101.2	114.0
Prepared paint	74.0	91.1	101.4	92.0	97.1	Products	82.4	92.7	102.4	101.5	112.2
	77.8	89.7	100.7	105.4	119.2	Pipe	73.4	89.8	104.4	96.4	103.7
Finished steel prod.:						Structural clay products ³	79.6	92.5	103.5	106.6	117.0
Structural shapes	62.3	78.2	102.8	105.9	119.0	Gypsum products	80.0	93.4	101.9	104.0	106.4
Reinforcing bars	61.0	83.7	102.3	95.0	95.6	Asphalt roofing ⁴	86.5	90.5	91.6	92.9	100.3
Black pipe, carbon	61.1	79.6	69.9	98.4	105.1	Insulation materials	97.9	103.2	100.7	88.3	104.8
Wire nails ²	84.1	84.1	98.5	96.8	97.1	Floor coverings:					
Nonferrous metal products						Asphalt tile	92.0	97.4	102.4	108.3	121.9
Copper water tubing	73.5	106.1	99.6	105.0	148.0	Vinyl covering ⁵	(x)	101.5	100.8	94.7	94.7
Building wire	73.1	103.0	99.1	123.5	169.0						

X Not applicable. ¹ See footnote 2, table 1076. ² 8d common. ³ Includes brass fittings.

⁴ Excludes refractories. ⁵ Prepared. ⁶ Introduced January 1959. 1959=100.

Source: Dept. of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*.

No. 1076. PRICE AND COST INDEXES FOR CONSTRUCTION AND SELECTED COMPONENTS OF CONSTRUCTION: 1950 TO 1969

[1957-59 = 100, except as indicated. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these firms are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1957*, series N 85-102, for construction cost indexes on a 1947-49 base.]

ITEM	1950	1955	1960	1965	1967	1968	1969
Price index for new one-family houses sold (1967=100) ¹	(NA)	(NA)	(NA)	94	100	106	115
Dept. of Agriculture, Economic Research Service:							
Farm housing	(NA)	(NA)	(NA)	108	110	127	138
Other farm construction	(NA)	(NA)	(NA)	106	114	121	131
Indexes of building materials prices and union wage scales:							
Wholesale prices of construction materials ²	83.0	95.1	100.5	100.8	105.2	111.1	117.7
Union hourly wage scales in the building trades ³	68.0	86.8	100.0	131.4	144.6	154.1	166.9
Construction cost indexes:							
Department of Commerce: Composite ⁴	77	90	103	115	125	131	142
Department of Transportation, Federal Highway Administration: Highways ⁵	78.3	87.3	94.1	105.9	117.6	121.6	132.3
American Appraisal Company: Building construction ⁶	73	89	106	121	133	142	154
Associated General Contractors of America:							
General construction ⁷	72	88	107	123	132	139	150
E. H. Boeckh and Associates, building cost index numbers: ⁸							
Small residential structures: Composite	80.3	92.4	104.2	115.2	127.4	136.7	148.0
Apartments, hotels, and office buildings:							
Composite	75.8	90.4	105.0	118.5	130.7	139.9	151.8
Commercial and factory buildings: Composite	74.0	89.5	104.7	117.2	130.2	139.1	149.1
Engineering News-Record: ⁹							
Building construction	71.2	89.0	106.1	118.9	127.4	136.8	149.9
General construction	67.1	86.8	108.3	127.8	140.8	151.9	167.2
George A. Fuller Company: Commercial buildings ¹⁰	72	88	106	124	129	136	151
Turner Construction Company: Building construction ¹¹	73	85	102	113	120	128	140
Handy-Whitman public utility construction: ¹²							
Building	67	83	104	111	119	125	134
Gas plant	65	83	106	117	124	129	137
Electric light and power ¹³	66	84	102	107	114	118	125

NA Not available. ¹ Includes value of site.

² Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables, such as kitchen ranges, refrigerators, etc. Beginning 1965, applies to Alaska and Hawaii. Source: Dept. of Labor, Bureau of Labor Statistics, unpublished data.

³ Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of July 1. Source: Dept. of Labor, Bureau of Labor Statistics. (Bulletin No. 1608, *Union Wages and Hours: Building Trades, 1969*.)

⁴ Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction.

⁵ Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete).

⁶ Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

⁷ Covers building and nonbuilding construction. Wages and materials for 12 cities combined in 40-60 ratio. Wages are for hod carriers and common laborers only. Materials weighted: Sand, gravel, crushed stone, cement, common brick, lumber, hollow tile, and structural and reinforcing steel. Excludes taxes and employee-benefit costs.

⁸ Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. Unweighted averages from Boeckh series prepared by Bureau of the Census.

⁹ Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M. bd. ft. of 2^{1/2} x 4^{1/2} lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor.

¹⁰ Composite of 36 major cost elements in 3 commercial-type buildings including structural elements and elevators, wiring, plumbing, heating, and ventilating. Covers skilled and unskilled labor and reflects employee-benefit costs.

¹¹ Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs.

¹² Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs.

¹³ As derived by Bureau of the Census; covers steam production plants only; excludes hydraulic plants.

Source: Dept. of Commerce, Bureau of the Census, except as noted. In Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

No. 1077. CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1960 TO 1969

[Value in millions of dollars; floor space in millions of square feet. Excludes Alaska and Hawaii. Includes new structures and alterations to existing structures (both value and floor area), and major alterations to existing structures which affect only valuation, since there is no additional floor area created by an "alteration" project]

CLASS OF CONSTRUCTION	VALUE OF CONSTRUCTION					FLOOR SPACE OF BUILDINGS ¹				
	1960	1965	1967	1968	1969	1960	1965	1967	1968	1969
Total.....	36,318	49,272	54,514	61,732	67,425	2,154	2,843	2,820	3,129	3,206
Nonresidential buildings:										
Commercial ²	3,725	5,457	6,080	7,645	9,724	283	415	424	496	567
Industrial.....	2,114	3,064	3,701	3,768	3,887	178	265	270	284	316
Educational and science.....	3,005	4,164	5,216	5,347	5,480	196	225	242	284	220
Hospital.....	832	1,515	1,873	2,114	2,780	36	60	66	69	87
Public buildings.....	679	842	959	1,112	1,141	33	36	37	39	38
Religious.....	789	783	793	778	669	53	45	41	39	33
Social and recreational.....	631	800	834	954	1,100	44	47	42	46	53
Miscellaneous.....	464	596	683	795	886	31	38	43	47	44
Residential buildings.....	15,105	21,248	21,155	24,838	25,219	1,300	1,711	1,654	1,876	1,852
Nonbuilding construction.....	8,972	10,805	13,220	14,382	16,539	(X)	(X)	(X)	(X)	(X)

X. Not applicable.

¹ Excludes floor space of public works and utilities, data for which are not available.

² Includes nonindustrial warehouses.

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. In *Dodge Construction Contract Statistics Service*.

No. 1078. CONSTRUCTION CONTRACTS—INDEXES OF VALUE: 1940 TO 1970

[1957-59=100. Monthly indexes are derived from figures of construction contracts reported by the F. W. Dodge Division, McGraw-Hill Information Systems Company. Reports covered 37 States and D.C. through 1955 and 48 States and D.C. thereafter]

YEAR	Total ¹	BUILDING		YEAR AND MONTH	Total ¹	BUILDING	
		Residential	Nonresidential			Residential	Nonresidential
1940.....	15	14	14	1969:			
1945.....	12	5	20	January.....	204	163	257
1950.....	61	77	57	February.....	205	181	243
1951.....	63	66	75	March.....	182	150	200
1952.....	67	70	74	April.....	183	162	220
1953.....	69	68	77	May.....	210	171	248
1954.....	76	82	79	June.....	186	159	217
1955.....	91	97	94	July.....	180	146	220
1956.....	92	86	100	August.....	216	168	258
1957.....	93	87	101	September.....	173	140	215
1958.....	102	98	98	October.....	195	150	244
1959.....	105	115	102	November.....	178	153	198
1960.....	105	101	109	December.....	218	181	274
1961.....	108	108	108	1970:			
1962.....	120	121	116	January.....	205	143	275
1963.....	132	137	128	February.....	215	148	282
1964.....	137	137	139	March.....	208	145	235
1965.....	143	142	154	April.....	203	148	237
1966.....	145	119	173				
1967.....	153	131	180				
1968.....	173	166	201				
1969.....	189	155	229				

¹ Represents the sum of the value of residential building contracts, nonresidential building contracts, and nonbuilding construction contracts. The existence of very large individual projects in the nonbuilding series results in an irregular pattern that is not conducive to seasonal adjustment.

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. In Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

Construction Contracts

677

No. 1079. CONSTRUCTION CONTRACTS—VALUE, BY STATES: 1950 TO 1969

[In millions of dollars. See headnote, table 1077. Represents value of construction in States in which work was actually done. 1950 and 1955 not strictly comparable with later years]

STATE	1950	1955	1960	1965	1967	1968	1969			
							Total	Non-residential	Residential	Non-building
Total ¹	14,501	23,745	36,318	492,72	54,514	61,736	67,427	25,667	25,223	16,541
Alabama	227	820	467	679	791	1,066	859	263	393	203
Arizona	(NA)	453	413	446	491	728	243	327	157	157
Arkansas	126	139	286	520	529	667	454	144	208	102
California	(NA)	(NA)	4,947	6,333	5,606	6,442	7,767	2,802	3,163	1,803
Colorado	(NA)	(NA)	401	585	608	693	683	252	308	124
Connecticut	290	565	618	799	840	1,067	1,212	582	459	171
Delaware	62	114	98	200	171	195	189	72	95	21
District of Columbia	97	119	222	310	209	272	204	99	35	71
Florida	532	1,047	1,443	1,890	2,066	2,694	3,458	823	2,198	437
Georgia	296	480	606	1,121	1,294	1,342	1,657	520	640	491
Idaho	(NA)	(NA)	115	187	154	136	194	78	47	69
Illinois	930	1,921	2,098	2,455	3,346	3,168	3,637	1,386	1,385	866
Indiana	889	649	803	1,332	1,422	1,505	1,700	699	605	365
Iowa	194	271	411	591	671	699	733	296	225	212
Kansas	214	512	462	473	639	596	568	213	203	182
Kentucky	191	375	486	691	936	908	1,483	381	412	690
Louisiana	311	612	579	1,190	1,183	1,098	1,269	377	494	397
Maine	40	154	116	151	178	308	271	92	103	75
Maryland	536	821	706	1,278	1,150	1,394	1,417	584	525	338
Massachusetts	486	759	764	1,003	1,445	1,728	1,751	851	622	279
Michigan	838	1,329	1,410	2,280	2,276	2,350	2,729	963	802	875
Minnesota	301	512	601	793	925	1,201	1,159	482	454	223
Mississippi	103	172	288	489	542	570	575	180	247	168
Missouri	368	688	807	1,129	1,428	1,319	1,450	505	400	455
Montana	(NA)	(NA)	133	219	269	141	207	52	33	121
Nebraska	106	221	288	360	352	402	376	120	149	107
Nevada	(NA)	(NA)	130	232	152	389	290	88	135	68
New Hampshire	34	86	103	150	177	234	210	82	86	42
New Jersey	748	1,010	1,235	1,541	1,007	2,381	2,198	979	695	523
New Mexico	(NA)	220	377	283	285	284	96	83	105	105
New York	1,707	2,655	3,003	3,938	4,011	4,834	6,540	3,643	1,546	1,361
North Carolina	288	353	652	1,016	1,388	1,360	1,028	578	711	340
North Dakota	63	85	141	127	121	196	107	26	50	31
Ohio	978	2,035	1,924	2,497	3,012	3,536	3,291	1,393	1,272	626
Oklahoma	253	434	480	597	693	823	743	239	333	172
Oregon	(NA)	(NA)	365	586	531	568	584	196	219	170
Pennsylvania	1,138	1,539	1,439	2,118	3,017	3,121	3,143	1,372	922	849
Rhode Island	90	93	118	192	237	220	246	135	80	23
South Carolina	134	233	333	488	679	827	753	277	338	138
South Dakota	62	87	186	112	167	124	118	38	30	42
Tennessee	307	469	618	909	1,043	1,227	1,488	444	497	546
Texas	1,072	1,487	2,021	2,670	3,183	3,992	3,769	1,335	1,555	880
Utah	(NA)	(NA)	195	240	263	238	203	118	87	87
Vermont	21	35	51	106	136	145	183	66	62	54
Virginia	393	666	968	1,373	1,105	1,404	1,443	470	680	313
Washington	(NA)	(NA)	632	1,007	1,216	1,417	1,472	446	574	452
West Virginia	96	137	198	267	445	382	501	115	95	351
Wisconsin	332	562	753	1,034	1,116	1,262	1,216	497	448	271
Wyoming	(NA)	(NA)	121	117	108	90	137	19	14	105

NA Not available.

1 Excludes Alaska and Hawaii. Total for 37 States and D.C. through 1955; 48 States and D.C. thereafter.

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. Figures reported currently in *Dodge Construction Contract Statistics Service*.

**No. 1080. NEW HOUSING UNITS AUTHORIZED—NUMBER AND VALUATION, BY STATES:
1965 TO 1969**

(Includes public housing contract awards. For definition of 12,000 and 13,000 place series, see headnote, table 1071)

STATE	12,000 PLACE SERIES				13,000 PLACE SERIES					
	Housing units (1,000)		Valuation (mil. dol.)		Housing units (1,000)		Valuation (mil. dol.)			
	1965	1967	1965	1967	1967	1968	1969 ¹ (prel.)	1967	1968	1969 ¹ (prel.)
United States	1,272.6	1,131.5	15,811	14,864	1,168.6	1,387.8	1,334.0	15,367	18,799	18,816
New England	69.3	60.2	842	796	62.2	76.9	70.9	825	1,027	1,004
Maine	1.8	2.4	23	31	2.6	2.6	2.7	34	34	34
New Hampshire	3.6	3.6	46	49	4.1	4.8	4.2	54	68	63
Vermont	1.2	1.3	15	15	1.6	1.5	1.2	22	21	21
Massachusetts	31.7	27.2	374	352	27.7	36.9	33.6	358	437	472
Rhode Island	6.2	4.9	68	61	4.9	6.0	4.8	62	71	66
Connecticut	24.7	20.8	316	289	21.3	25.2	24.4	295	346	348
Middle Atlantic	194.2	161.7	2,354	2,051	168.8	167.2	145.1	2,140	2,300	2,127
New York	84.8	78.0	1,106	976	74.4	78.0	64.2	995	1,108	981
New Jersey	62.7	45.8	723	558	46.3	42.3	37.3	564	580	579
Pennsylvania	46.7	42.9	526	517	48.1	46.9	43.5	581	612	588
East North Central	231.2	227.5	3,109	3,233	295.2	260.0	229.7	3,348	3,838	3,517
Ohio	59.3	58.1	813	888	59.3	65.4	58.4	860	985	906
Indiana	27.4	25.5	323	328	26.6	28.9	28.6	343	378	379
Illinois	57.5	63.2	812	910	65.5	70.2	67.4	945	1,197	1,070
Michigan	59.6	57.9	824	836	60.7	60.0	55.3	859	900	884
Wisconsin	27.4	22.8	337	320	24.1	26.4	20.0	341	379	298
West North Central	85.3	77.8	1,051	1,054	80.8	98.0	85.8	1,099	1,347	1,204
Minnesota	20.1	22.7	268	311	23.5	31.8	30.0	321	467	435
Iowa	13.0	12.8	172	135	13.2	12.6	11.2	183	182	161
Missouri	29.1	23.1	349	316	24.0	28.4	23.7	331	388	337
North Dakota	2.0	1.7	28	25	1.8	2.4	2.2	27	33	29
South Dakota	1.8	1.2	20	14	1.2	1.4	1.5	15	18	19
Nebraska	7.8	7.0	82	74	7.3	9.4	7.3	77	96	80
Kansas	10.5	9.3	134	136	9.8	12.1	9.9	144	164	144
South Atlantic	253.1	217.0	2,766	2,556	226.6	277.0	289.9	2,077	3,470	3,969
Delaware	6.2	5.8	71	61	5.8	6.6	5.3	61	73	61
Maryland	52.4	31.7	555	391	31.8	32.5	33.3	392	437	464
District of Columbia	8.7	2.0	90	17	2.0	1.3	2.0	17	17	21
Virginia	50.7	36.2	557	431	36.5	40.8	38.0	435	510	508
West Virginia	2.5	2.0	34	28	2.0	2.6	3.1	29	34	42
North Carolina	20.7	22.1	237	270	24.1	28.8	25.4	205	362	331
South Carolina	8.3	10.7	90	119	15.6	16.2	16.0	184	196	196
Georgia	32.2	35.3	339	376	36.5	40.5	39.3	388	470	455
Florida	71.5	71.3	793	862	72.4	107.6	127.4	874	1,371	1,891
East South Central	61.3	59.2	633	637	62.5	68.1	59.2	681	765	687
Kentucky	17.3	14.2	186	160	14.4	15.0	14.2	164	188	104
Tennessee	22.3	23.8	208	233	25.4	27.8	22.2	257	295	254
Alabama	15.8	15.3	178	178	15.8	17.3	15.0	183	198	180
Mississippi	5.9	5.9	61	66	6.9	7.2	7.8	77	83	88
West South Central	104.9	109.9	1,232	1,292	112.5	145.1	134.8	1,330	1,620	1,556
Arkansas	8.5	6.6	65	83	6.9	7.4	6.1	87	95	82
Louisiana	18.7	15.1	230	204	15.8	18.3	19.6	215	248	258
Oklahoma	13.1	12.9	159	167	13.0	17.9	15.7	158	205	197
Texas	64.7	75.3	748	849	76.8	101.5	93.4	871	1,072	1,019
Mountain	44.2	40.2	543	499	41.4	55.1	67.1	515	696	867
Montana	1.8	0.9	21	13	0.9	1.0	1.6	13	15	19
Idaho	1.8	1.5	24	21	1.8	2.0	1.5	26	27	20
Wyoming	0.8	0.6	10	9	0.6	0.8	0.6	9	9	10
Colorado	16.0	17.0	190	199	17.2	22.5	23.9	202	268	290
New Mexico	4.4	2.9	58	41	2.9	3.9	2.7	41	48	43
Arizona	0.4	10.1	97	118	10.6	15.6	25.9	123	189	318
Utah	5.5	5.3	71	67	5.5	5.7	5.9	69	75	74
Nevada	4.6	1.8	73	31	1.8	3.6	5.1	32	65	93
Pacific	229.1	178.1	3,281	2,744	178.6	240.3	251.5	2,752	3,737	3,886
Washington	21.6	44.2	293	597	44.3	50.1	36.0	597	707	638
Oregon	14.2	14.1	168	176	14.5	16.6	15.5	181	214	207
California	179.9	110.6	2,648	1,829	110.7	160.8	184.6	1,830	2,595	2,870
Alaska	1.2	0.9	19	17	1.0	1.2	1.5	18	31	24
Hawaii	12.2	8.2	152	126	8.2	11.0	13.8	126	189	238

¹ Based on a sample. The relative standard error on total private housing is less than 5 percent for all States except as follows (in percent): Alaska, 14; Idaho, 6; Maine, 6; Montana, 11; Nevada, 12; Rhode Island, 6; South Dakota, 18; Vermont, 8; West Virginia, 8.

No. 1081. NEW NONFARM HOUSING UNITS STARTED, BY OWNERSHIP: 1945 TO 1969
 [In thousands of units. Excludes farm housing]

YEAR	Total	Private	Public	YEAR	Total	Private	Public
1945	326	325	1	1965	1,488	1,451	37
1950	1,952	1,908	44	1966	1,173	1,142	31
1955	1,046	1,027	19	1967	1,299	1,268	30
1960	1,274	1,230	44	1968	1,521	1,484	38
1963	1,615	1,583	32	1969 (prel.)	1,482	1,440	33
1964	1,534	1,502	32				

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20 and *Housing Construction Statistics, 1889 to 1964*.

No. 1082. NEW HOUSING UNITS STARTED—SELECTED CHARACTERISTICS: 1960 TO 1969

[In thousands]

CHARACTERISTIC	ALL UNITS				NONFARM UNITS			
	1960	1965	1968	1969 (prel.)	1960	1965	1968	1969 (prel.)
	1,296	1,510	1,545	1,500	1,274	1,488	1,521	1,482
By type of program:								
Privately owned	1,252	1,473	1,508	1,467	1,230	1,451	1,484	1,440
With FHA aid	261	197	220	230	261	197	220	230
With VA aid	75	49	56	51	75	49	56	51
Publicly owned	44	37	38	33	44	37	38	33
In structures with—								
1 unit	1,009	965	901	811	987	943	876	794
2 units	51	58	54	48	51	58	54	48
3 units or more	237	436	591	640	237	436	591	640
By area:¹								
Inside SMSA's	889	1,035	1,116	1,097	888	1,035	1,115	1,096
Outside SMSA's	407	475	429	403	386	463	406	386
By region:²								
Northeast	237	281	236	213	236	281	236	213
North Central	304	369	377	357	300	364	371	351
South	441	588	684	603	425	572	616	591
West	314	271	298	327	314	271	298	327

¹ For definition of standard metropolitan statistical area (SMSA), see text, p. 2. 1960 based on 1959 definitions; thereafter, on 1964 definitions as amended through January 1968. ² For composition of regions, see fig. I, p. xii.

No. 1083. NEW HOUSING UNITS STARTED—NUMBER AND CONSTRUCTION COST: 1960 TO 1970

YEAR AND MONTH	NUMBER (1,000)			COST (mil. dol.)			AVERAGE COST PER UNIT (dol.)		
	Total	Privately-owned		Total	Privately-owned		Total	Privately-owned	
		Total	1-unit structures		Total	1-unit structures		Total	1-unit structures
TOTAL									
1960	1,296	1,252	995	44	16,857	15,831	13,647	528	12,625
1964	1,562	1,529	972	32	20,398	19,995	14,997	400	13,050
1965	1,510	1,473	964	37	20,528	20,061	15,558	466	13,600
1966	1,196	1,165	779	31	16,969	16,575	13,044	394	14,175
1967	1,322	1,292	844	30	19,072	18,074	14,627	397	14,425
1968	1,545	1,508	900	38	23,153	22,622	16,670	631	14,976
1969	1,500	1,467	811	33	23,299	22,807	15,584	492	15,526
1970:									
Jan.	60	66	38	3	1,052	1,010	607	42	15,225
Feb.	77	74	41	3	1,224	1,185	753	39	15,900
Mar.	118	115	62	3	1,885	1,840	1,183	44	16,000
Apr.	120	127	73	2	2,056	2,031	1,392	25	15,925
NONFARM									
1960	1,274	1,230	973	44	18,124	15,506	13,411	528	12,650
1964	1,585	1,502	945	32	20,088	19,687	14,680	400	13,100
1965	1,482	1,451	941	37	20,280	19,813	15,312	466	13,625
1966	1,173	1,142	755	31	18,663	16,269	12,738	394	14,200
1967	1,299	1,268	821	30	18,788	18,390	14,343	397	14,476
1968	1,521	1,484	875	38	22,820	22,289	16,349	531	15,000
1969	1,482	1,440	793	33	23,050	22,558	15,332	492	15,575

NA Not available. ¹ Preliminary.

Source of tables 1082 and 1083: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20. Includes data from Federal Housing Administration and Veterans Administration.

No. 1084. NEW PRIVATE NONFARM ONE-FAMILY HOUSES SOLD OR FOR SALE: 1965 TO 1970

[Based on monthly interviews with builders or owners of a national probability sample of 1-family homes for which building permits have been issued or, in nonpermit areas, on which construction has started. For details, see source. For definition of median, see preface]

TYPE OF FINANCING AND PERIOD	NUMBER OF HOMES (1,000)						Median sales price (dollars)	Median number of months from start of construction to sale		
	Total ¹	Sales price								
		Under \$15,000	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000 and over				
Homes sold, total:²										
1965	575	115	160	121	81	75	20,000	(NA)		
1967	487	52	122	98	81	105	22,700	(NA)		
1968	490	37	101	101	85	142	24,700	(NA)		
1969	448	24	88	92	78	147	26,800	(NA)		
Jan.-Mar.	119	8	21	26	19	41	25,700	4.5		
1970, Jan.-Mar. (prel.)	93	4	24	15	12	26	24,000	4.7		
FHA-insured:										
1965	134	47	56	22	6	2	16,500	(NA)		
1967	99	20	45	20	8	4	17,800	(NA)		
1968	93	15	37	28	10	4	19,200	(NA)		
1969	102	11	44	25	13	6	19,300	(NA)		
Jan.-Mar.	23	3	10	7	2	1	19,100	3.8		
1970, Jan.-Mar. (prel.)	34	3	17	6	3	1	18,000	3.0		
VA guaranteed:										
1965	40	10	16	9	4	1	17,900	(NA)		
1967	71	12	30	16	7	4	18,700	(NA)		
1968	63	6	26	17	8	4	19,800	(NA)		
1969	56	3	18	19	9	6	21,800	(NA)		
Jan.-Mar.	14	1	4	5	2	1	21,200	4.3		
1970, Jan.-Mar. (prel.)	11	(Z)	3	3	2	2	22,500	4.2		
Conventional mortgage:										
1965	339	48	76	80	63	65	22,700	(NA)		
1967	265	15	40	53	58	86	26,000	(NA)		
1968	290	13	31	52	60	121	28,500	(NA)		
1969	246	7	19	42	47	122	30,400	(NA)		
Jan.-Mar.	72	3	6	12	14	36	30,300	4.8		
1970, Jan.-Mar. (prel.)	37	(Z)	2	4	6	20	38,700	6.2		
Homes for sale:³										
1965, Dec. 31	227	32	57	39	30	40	21,300	4.5		
1967, Dec. 31	189	16	34	33	24	43	28,600	3.8		
1968, Dec. 31	219	12	38	35	30	50	24,600	4.0		
1969, Mar. 31	213	10	37	36	31	50	24,900	4.7		
June 30	223	9	34	37	33	61	26,100	3.7		
Sept. 30	219	11	35	33	30	63	26,200	4.3		
Dec. 31	228	10	32	33	32	68	27,000	5.0		
1970, Mar. 31	214	9	29	29	31	63	27,200	5.9		

NA. Not available. Z. Less than 500 homes. ¹Totals include homes with price data not reported.

²Includes homes with cash and other financing reported, and homes with type of financing not reported.

³Data refer to intended sales price and to median number of months from start of construction to end of quarter.

Source: Dept. of Commerce, Bureau of the Census, and Dept. of Housing and Urban Development, Office for Demonstrations and Intergovernmental Relations; *Construction Reports*, Series C25 (a joint publication).

No. 1085. FIRST AND SECOND HOMES: 1967

[In thousands, except as indicated. As of April, Based on sample of households. A second home is a residence other than the one where the household usually lives, which was owned or rented by the household for the entire year. The home must have been reserved for the occasional use of the owner during the entire year. Includes homes shared with co-owners or co-tenants. Excludes homes outside the United States, those used for income and investment purposes only, trailers, tents, etc.]

ITEM	Total	Percent	ITEM	Total	Percent
Number of households	58,845	100.0	Second homes, total	1,547	100.0
			Owned	1,498	96.7
First homes:			Rented	51	3.3
Owner-occupied	37,602	63.9	Single-family	504	32.6
Renter-occupied	21,243	36.1	Vacation cottage	874	56.5
With no second home	57,169	97.1	Other	169	10.9
With second home	1,676	2.9	Occupied summer only	1,083	70.0
			Occupied 2 or 3 seasons	402	26.0
			Median value ¹	\$7,800	(X)

X. Not applicable. ¹For definition of median, see preface.

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-121, No. 16.

No. 1086. MOBILE HOMES AND TRAVEL TRAILERS—MANUFACTURERS' SHIPMENTS: 1960 TO 1970

[A mobile home, or housing-type trailer, is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. Mobile homes are defined as units 20 feet or longer and weighing over 4,500 pounds; travel trailers, as units less than 20 feet long, regardless of weight, or weighing less than 4,500 pounds, regardless of length. Excludes units designed for commercial uses, pickup cabs, folding campers, and amphibious units]

YEAR	Mobile homes	Travel trailers	YEAR AND QUARTER			Mobile homes	Travel trailers
			1966	1967	1968		
1960	103,700	40,300	1966			217,300	122,700
1961	90,200	40,500	1967			240,360	130,420
1962	118,000	57,000	1968			317,960	115,200
1963	150,840	72,170	1969			412,600	144,000
1964	191,320	90,370	1970, Jan.-Apr.			116,430	(NA)
1965	216,470	107,580					

NA Not available. ¹ Data not comparable with earlier years due to change in methodology.

Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*, and unpublished data.

No. 1087. VACANCY RATES—INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS, AND REGIONS: 1960 TO 1970

[In percent. Annual averages, except as indicated. Based on Current Population Survey; see text, p. 1. Rental rate is relationship between vacant housing for rent and the total rental supply, which comprises renter-occupied units, vacant units already rented and awaiting occupancy, and vacant units available for rent. Homeowner rate is relationship between vacant housing for sale and the total homeowner supply, which comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. I, p. xii; for definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

RATE AND PERIOD	United States	Inside SMSA's	Outside SMSA's	REGIONS			
				North-east	North Central	South	West
Rental vacancy rate:							
1960	7.4	6.5	9.3	4.4	7.7	8.6	10.5
1965	7.5	7.4	7.9	5.0	6.7	8.1	11.3
1967	6.2	5.5	7.8	4.3	5.3	7.2	8.5
1968	5.4	4.8	6.9	3.8	5.0	6.7	6.8
1969	5.0	4.4	6.5	2.7	5.2	6.4	5.7
1st quarter	5.0	4.3	6.9	2.9	4.9	6.6	5.9
1970, 1st quarter	5.0	4.8	5.6	2.1	5.5	7.1	5.4
Homeowner vacancy rate:							
1960	1.2	1.2	1.3	0.9	1.1	1.5	1.3
1965	1.4	1.4	1.5	0.9	1.1	1.9	1.8
1967	1.2	1.2	1.3	0.7	0.9	1.6	1.9
1968	1.0	1.0	1.2	0.7	0.9	1.3	1.2
1969	1.0	0.9	1.0	0.7	0.9	1.2	1.1
1st quarter	0.9	0.8	1.1	0.6	0.8	1.2	1.0
1970, 1st quarter	1.0	0.9	1.0	0.7	0.9	1.1	1.0

No. 1088. VACANT HOUSING UNITS—CONDITION AND STATUS, INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS: 1965 TO 1970

[Percent distribution. Annual averages, except as indicated. See headnote, table 1087. For definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

CONDITION AND STATUS	TOTAL					INSIDE SMSA'S			OUTSIDE SMSA'S		
	1965	1967	1968	1969	1st qtr. 1970	1968	1969	1st qtr. 1970	1968	1969	1st qtr. 1970
All housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round vacant:											
Sound or deteriorating	6.9	6.5	6.0	5.9	5.8	5.1	5.0	5.1	7.5	7.4	7.0
For rent	2.7	2.2	1.9	1.7	1.7	1.9	1.7	1.9	1.9	1.7	1.5
For sale only	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.7	0.7
Rented or sold, awaiting occupancy	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4
Held off market	2.9	3.1	2.9	3.0	3.0	2.1	2.2	2.2	4.4	4.5	4.4
Dilapidated	0.7	0.7	0.7	0.6	0.6	0.4	0.4	0.3	1.1	1.0	1.0
Seasonal vacant	2.9	2.7	2.6	2.6	2.6	1.0	1.0	1.0	5.4	5.4	5.5
Occupied	89.5	90.1	90.7	90.9	91.0	93.5	93.6	93.6	86.0	86.2	86.5

No. 1089. AVAILABLE VACANT HOUSING UNITS—SELECTED CHARACTERISTICS: 1968 TO 1970

[Percent distribution. Annual averages, except as noted. See headnote, table 1093]

ITEM	1968	1969	1970 ¹	ITEM	1968	1969	1970 ¹
RENTAL UNITS							
Units in structure	100	100	100	Units in structure	100	100	100
1 housing unit	31	29	26	1 housing unit	88	88	88
2-4 housing units	31	30	29	2 housing units	7	8	9
5 housing units or more	38	41	45	3 housing units or more	5	4	3
Duration of vacancy	100	100	100	Duration of vacancy	100	100	100
Less than 1 month	33	35	34	Less than 1 month	15	15	12
1 up to 2 months	13	14	15	1 up to 2 months	11	13	12
2 up to 4 months	16	15	16	2 up to 4 months	16	18	18
4 months or more	38	36	35	4 months or more	58	54	58
Number of rooms	100	100	100	Number of rooms	100	100	100
3 rooms or less	51	51	50	3 rooms or less	10	8	7
4 rooms	27	27	27	4 rooms	17	17	18
5 rooms or more	22	23	23	5 rooms	27	26	26
				6 rooms or more	46	49	49
Monthly rent	100	100	100	Value	100	100	100
Less than \$60	42	37	32	Less than \$10,000	35	31	32
\$60-\$69	13	11	9	\$10,000-\$19,999	36	33	30
\$70-\$99	21	21	19	\$20,000 or more	29	36	38
\$100 or more	24	31	40				
Year built	100	100	100	Year built	100	100	100
1960 or later	16	22	27	1960 or later	30	33	37
1950-1959	12	11	9	1950-1959	17	15	16
1949 or earlier	72	68	64	1949 or earlier	53	52	47
Plumbing facilities	100	100	100	Plumbing facilities	100	100	100
With all facilities	80	81	82	With all facilities	91	94	93
Lacking facilities	20	19	18	Lacking facilities	9	6	?

¹ First quarter data.

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111.

No. 1090. LOW-RENT PUBLIC HOUSING UNITS, BY PROGRESS STAGE: 1950 TO 1969

[In thousands. As of December 31. Includes Puerto Rico and Virgin Islands. Covers units subsidized by Department of Housing and Urban Development (HUD) under annual contributions contracts]

YEAR AND PROGRAM	Total	Under management ¹	Under construction	Not under construction ²	YEAR AND PROGRAM	Total	Under management ¹	Under construction	Not under construction ²
1960 ³	302.1	201.7	31.5	68.9	1960—Continued	888.0	742.5	75.6	69.9
1955 ³	489.7	413.6	21.1	55.1	New construction	319.5	720.4	46.3	52.9
1960	593.3	478.2	36.4	78.8	Conventional ⁴	68.5	22.2	29.3	17.0
Elderly ⁴	18.9	1.1	4.1	13.7	Turnkey ⁵	38.7	25.7	2.3	10.7
1965	735.7	604.9	42.4	88.4	Acquisition	28.9	17.6	2.8	9.0
Elderly ⁴	97.7	36.2	21.6	40.0	Rehabilitation:	19.5	13.3	—	5.5
1968	923.7	744.5	73.5	105.7	With ⁷	9.4	4.2	1.8	3.5
Elderly ⁴	183.7	97.2	42.8	43.7	Conventional	9.9	8.2	(X)	1.7
1969	1,034.7	822.6	84.8	127.4	Turnkey	108.0	54.3	6.9	46.8
Elderly ⁴	218.9	110.4	59.9	48.6	Without	29.2	5.6	3.0	19.6
					Leased housing ⁸	23.7	12.4	2.9	8.4
					New	65.1	36.3	(X)	18.8
					Rehabilitation:				
					With ⁷				
					Without				

^X Not applicable. ¹ Occupied or available for occupancy.

² Comprises units to be constructed and units that will go directly into "under management" category because they need no rehabilitation. ³ Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homestead associations on which HUD has mortgages for collection.

⁴ Covers units designed specifically for persons 62 years old or over, disabled, or handicapped.

⁵ New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA.

⁶ New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement. ⁷ Existing housing acquired by the LHA, requiring substantial rehabilitation which can be done either by the LHA (conventional) or by the seller (turnkey). ⁸ Existing housing leased by the LHA from an owner under a contract permitting the LHA to sub-lease the units.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; *HUD Statistical Yearbook*, and unpublished data.

No. 1091. OCCUPIED HOUSING UNITS—TENURE, AND POPULATION PER OCCUPIED UNIT, BY RACE OF HOUSEHOLD HEAD AND BY RESIDENCE: 1890 TO 1960

[In thousands, except percent. Excludes Alaska and Hawaii, except as noted. Tenure allocated for housing units which did not report. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series N 139-146.]

YEAR, RACE, AND RESIDENCE	OCCUPIED UNITS ¹				PERCENT INCREASE OVER PRECEDING CENSUS		Population per occupied unit ²	
	Total	Owner occupied		Renter occupied		Total occupied units	Total population	
		Number	Percent	Number	Percent			
TOTAL								
1890	12,690	6,060	47.8	6,624	52.2	(NA)	(NA)	5.0
1900	15,904	7,455	46.7	8,509	53.3	25.8	20.7	4.8
1910	20,256	9,301	45.9	10,954	54.1	26.9	21.0	4.5
1920	24,582	11,114	45.6	13,288	54.4	20.2	14.9	4.3
1930	29,905	14,280	47.8	15,624	52.2	22.8	16.1	4.1
1940	34,855	15,196	43.6	19,659	56.4	16.6	7.2	3.8
1950	42,826	23,560	55.0	19,266	45.0	22.9	14.5	3.5
1960	52,814	32,706	61.9	20,107	38.1	23.3	18.4	3.4
1960 ³	53,024	32,797	61.9	20,227	38.1	23.4	18.5	3.4
RACE								
White								
1890	11,255	5,794	51.5	5,462	48.5	(NA)	(NA)	4.9
1900	14,064	7,007	49.8	7,087	50.2	25.0	21.2	4.8
1910	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1920	21,826	10,511	48.2	11,315	51.8	(NA)	16.0	4.3
1930	26,983	13,544	50.2	13,439	49.8	23.6	16.3	4.1
1940	31,601	14,418	45.7	17,143	54.3	17.0	7.2	3.7
1950	30,044	22,241	57.0	18,803	43.0	23.7	14.1	3.5
1960	47,777	30,783	64.4	16,994	35.6	22.4	17.4	3.3
1960 ³	47,880	30,823	64.4	17,057	35.6	22.5	17.5	3.3
Negro and other								
1890	1,435	273	19.0	1,162	81.0	(NA)	(NA)	5.5
1900	1,900	448	23.6	1,452	76.4	32.4	17.1	4.8
1910	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11.5	(NA)
1920	2,626	603	23.9	1,923	76.1	(NA)	6.3	4.3
1930	2,922	737	25.2	2,185	74.8	15.7	14.7	4.3
1940	3,293	778	23.6	2,516	76.4	12.7	7.7	4.1
1950	3,783	1,319	34.9	2,464	65.1	14.9	17.1	4.2
1960	5,037	1,023	38.2	3,114	61.8	33.1	27.0	4.0
1960 ³	5,144	1,974	38.4	3,171	61.6	33.0	26.7	4.0
RESIDENCE								
Nonfarm								
1890	7,923	2,924	36.9	4,999	63.1	(NA)	(NA)	(NA)
1900	10,274	3,790	36.9	6,484	63.1	29.7	(NA)	(NA)
1910	14,132	5,454	38.6	8,678	61.4	37.5	(NA)	(NA)
1920	17,600	7,189	40.8	10,411	59.2	24.5	(NA)	4.2
1930	23,300	10,721	46.0	12,579	54.0	32.4	25.0	4.0
1940	27,748	11,413	41.1	16,335	58.9	19.1	9.5	3.7
1950	37,105	19,802	53.4	17,304	46.6	33.7	25.8	3.4
1960 ³	49,458	30,164	61.0	19,294	39.0	32.3	30.0	3.4
Farm ⁴								
1890	4,767	3,143	65.9	1,624	34.1	(NA)	(NA)	(NA)
1900	5,690	3,665	64.4	2,025	35.6	19.4	(NA)	(NA)
1910	6,124	3,847	62.8	2,276	37.2	7.6	(NA)	(NA)
1920	6,751	3,925	58.1	2,827	41.9	10.2	(NA)	4.7
1930	6,605	3,560	53.9	3,045	46.1	-2.2	-4.6	4.6
1940	7,107	3,783	53.2	3,324	46.8	7.6	0.2	4.3
1950	5,721	3,758	65.7	1,963	34.3	-19.5	-23.7	4.0
1960 ³	8,568	2,933	73.8	938	26.2	-37.7	-41.7	3.8

NA. Not available.

¹ Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1890 and earlier; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960. For 1890, 1910, and 1920, includes the small number of quasi-families; 1900 and 1930 represent private families only.

² Total population, which includes the population in group quarters and quasi-family groups, divided by the number of occupied units. This concept was used for consistency; population counts exclusive of persons in group quarters and quasi-family groups are not available for some of the census years.

³ Includes Alaska and Hawaii.

⁴ Not comparable with data for earlier censuses because of a basic change in definition of farm residence. See text, p. 2.

⁴ For 1890 to 1920, includes a small proportion of urban-farm families in addition to rural-farm.

Housing Units

685

No. 1093. OCCUPIED HOUSING UNITS, CLASSIFIED BY CONDITION AND PLUMBING FACILITIES: 1960 AND 1968

[In thousands, except percent. For definition of standard metropolitan statistical area (SMSA), see text, p. 2.
For composition of regions, see fig. I, p. XII]

ITEM	1960			1968			PERCENT CHANGE, 1960-1968	
	Total	White	Negro and other	Total	White	Negro and other	White	Negro and other
Total occupied units.....	53,024	47,880	5,144	60,694	54,144	6,550	+13.1	+27.3
Meeting specified criteria ¹								
Percent of total.....	44,551	41,670	2,881	55,093	50,994	4,100	+22.3	+73.5
SMSA's.....	84.0	87.0	56.0	92.3	94.2	76.3	+8.2	+30.3
Central cities ²	30,788	28,284	2,504	37,755	33,207	4,153	+17.4	+65.9
Outside SMSA's.....	16,581	14,441	2,140	17,755	14,638	3,217	+0.7	+50.3
Outside SMSA's.....	13,763	13,386	377	18,633	17,785	848	+32.9	+124.9
Not meeting specified criteria ³	8,474	6,211	2,268	4,701	3,150	1,551	-49.2	-31.5
Percent of total.....	16.0	13.0	44.0	7.7	5.8	23.7	-55.2	-40.2
SMSA's.....	3,212	2,239	382	1,568	1,085	503	-52.2	-48.8
Central cities ²	1,925	1,220	705	849	527	322	-56.8	-54.3
Outside SMSA's.....	5,261	3,080	1,281	3,132	2,085	1,047	-47.0	-18.3
North and West.....	4,222	3,655	566	2,103	1,760	343	-51.8	-39.4
SMSA's.....	(NA)	(NA)	(NA)	1,126	840	285	(NA)	(NA)
Central cities ²	(NA)	(NA)	(NA)	625	417	208	(NA)	(NA)
Outside SMSA's.....	(NA)	(NA)	(NA)	978	920	58	(NA)	(NA)
South.....	4,252	2,555	1,697	2,599	1,391	1,208	-45.6	-28.8
SMSA's.....	(NA)	(NA)	(NA)	445	226	219	(NA)	(NA)
Central cities ²	(NA)	(NA)	(NA)	221	107	114	(NA)	(NA)
Outside SMSA's.....	(NA)	(NA)	(NA)	2,155	1,163	989	(NA)	(NA)

NA Not available.

¹ Housing that is not dilapidated and has all basic plumbing facilities. ² Cities of 50,000 population or more in metropolitan areas. ³ Housing that is dilapidated or that lacks one or more of the following basic plumbing facilities: Hot running water in the structure, flush toilet for private use of members of the household, and bathtub or shower for private use of members of the household.

Source: Dept. of Commerce, Bureau of the Census, and Dept. of Labor, Bureau of Labor Statistics; *Social and Economic Conditions of Negroes in the United States*, Series F-23, No. 29, and unpublished data.

No. 1094. HOUSING UNITS LACKING COMPLETE PLUMBING FACILITIES AND SUBSTANDARD HOUSING UNITS: 1960 AND 1968

[In thousands, except percent. For definition of standard metropolitan statistical area (SMSA), see text, p. 2.
For composition of regions, see fig. I, p. XII]

YEAR AND AREA	All housing units	SUBSTANDARD ¹			Lacking complete plumbing facilities ²	
		Number	Percent of all units	With complete plumb- ing facil- ties		
1960, United States.....	58,915	10,591	18.2	813	9,778	
Inside SMSA's.....	36,375	3,843	10.6	528	3,315	
In central cities.....	19,616	2,211	11.3	388	1,876	
Outside central cities.....	16,759	1,632	9.7	192	1,430	
Outside SMSA's.....	21,940	6,748	30.8	285	6,463	
Northeast.....	14,795	1,650	11.2	228	1,422	
North Central.....	16,793	2,957	17.6	293	2,724	
South.....	17,171	5,006	29.2	214	4,792	
West.....	9,556	978	10.2	108	810	
1968, United States.....	65,607	6,148	9.4	635	5,514	
Inside SMSA's.....	41,469	2,009	4.8	389	1,620	
In central cities.....	20,072	1,145	5.7	236	910	
Outside central cities.....	21,398	864	4.0	153	711	
Outside SMSA's.....	24,188	4,139	17.1	246	3,803	
Northeast.....	15,228	705	5.2	170	624	
North Central.....	18,427	1,589	8.6	149	1,441	
South.....	20,415	3,275	16.0	212	3,064	
West.....	11,636	489	4.2	104	336	

¹ Housing that lacked complete plumbing facilities or that had complete plumbing facilities but were rated dilapidated by census enumerators. Substandard is defined as "not meeting specified criteria."

² Refers to units that do not have piped hot and cold water inside the structure or that lack flush toilet or bathtub (or shower) for exclusive use.

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-121.

No. 1106. CHARACTERISTICS OF CONVENTIONAL FIRST MORTGAGE LOANS FOR PURCHASE OF SINGLE-FAMILY HOMES: 1968 TO 1970

[Percent, except as indicated. Monthly averages. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, life insurance companies, mortgage companies, commercial banks, and mutual savings banks]

LOAN CHARACTERISTIC	NEW HOMES				EXISTING HOMES				1970, Apr.		
	1968		1969		1970, Apr.	1968		1969			
	Apr.	Oct.	Apr.	Oct.		Apr.	Oct.	Apr.			
Contract interest rate.....	6.57	7.09	7.47	7.98	8.23	6.64	7.09	7.46	7.98	8.20	
Initial fees and charges ¹	0.88	0.88	0.96	0.89	1.02	0.80	0.84	0.85	0.91	0.90	
Term to maturity..... years	25.3	25.6	25.4	25.3	24.8	22.6	22.5	23.0	22.2	22.8	
Loans to price ratio.....	73.4	74.5	72.6	72.9	71.1	72.8	72.4	71.8	70.2	70.4	
Purchase price..... \$1,000	30.3	31.0	34.4	34.6	35.0	25.1	25.5	28.2	28.1	29.6	

¹ Include only discounts and initial payments that provide additional income to lender; exclude reimbursable closing costs. Expressed as percent of principal mortgage amount.

Source: Federal Home Loan Bank Board; monthly news releases.

No. 1107. ESTIMATED NONFARM REAL ESTATE FORECLOSURES: 1930 TO 1969

[Old series, excludes Alaska and Hawaii. Based on data from approximately 1,700 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts. See also *Historical Statistics, Colonial Times to 1957*, series N 189]

YEAR	Fore- closures (old series)	YEAR	Fore- closures (old series)	YEAR	Fore- closures (old series)	YEAR	YEAR	FORECLOSURES	
								Old series ¹	New series ²
1930.....	150,000	1950.....	21,537	1962.....	86,444	1966.....		117,473	(X)
1935.....	228,713	1955.....	28,529	1963.....	98,195	1967.....		110,541	134,203
1940.....	75,556	1960.....	51,353	1964.....	108,620	1968.....		90,941	110,404
1945.....	12,708	1961.....	73,074	1965.....	116,664	1969 (prel.)		(X)	96,124

^X Not applicable. ¹ Nonfarm real estate foreclosure series discontinued at the close of 1968.

² Based on 1967 benchmark, and to a minor degree, also differs conceptually from the old series. The difference is largely due to understated reports and underestimating in the old series. Include farm foreclosures, which are relatively insignificant.

Source: Federal Home Loan Bank Board; annual report, *Savings and Home Financing Source Book*.

No. 1108. URBAN RENEWAL PROJECTS—CHARACTERISTICS OF AREAS CLEARED FOR REDEVELOPMENT: 1968

[As of December 31. Includes Puerto Rico and Virgin Islands. Covers all projects that had received Department of Housing and Urban Development authorization of loan or grant contracts. Excludes projects in planning stage and projects terminated prior to completion]

ITEM	Total	Com- pleted	Active	ITEM	Total	Com- pleted	Active
Number of projects.....	1,588	424	1,164	Project land..... 1,000 acres.....	115	13	102
Project cost, gross..... mil. dol.	10,120	908	9,212	For housing related facilities..... 1,000 acres.....	38	4	34
Proceeds from land..... mil. dol.	2,204	202	2,002	For commercial, industrial, or public use..... 1,000 acres.....	45	5	40
Project cost, net ¹ mil. dol.	7,916	706	7,210	For public rights-of-way..... 1,000 acres.....	32	4	28
Federal project grants..... mil. dol.	5,287	457	4,830	Rehabilitation projects.....	485	39	446
Local grants-in-aid..... mil. dol.	2,631	249	2,382	Housing units..... 1,000.....	238	9	224
Families relocated..... 1,000.....	261	(NA)	(NA)	Completed or in process.....			
Standard private housing..... 1,000.....	161	(NA)	(NA)	Not started..... 1,000.....	125	0	116
Public housing..... 1,000.....	52	(NA)	(NA)	..... 1,000.....	108	(Z)	108
Substandard housing..... 1,000.....	14	(NA)	(NA)	New construction projects.....	644	424	220
Housing condition unknown..... 1,000.....	34	(NA)	(NA)	Housing units planned on land committed..... 1,000.....	289	58	181
				Completed or in process..... 1,000.....	167	6	161
				Not started..... 1,000.....	72	52	20

NA Not available. Z Less than 500.

¹ Federal project grants plus local grants-in-aid exceed net project costs by \$1.8 million because no Federal project grant is anticipated in several projects where the local grants-in-aid exceeds net project costs.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; *HUD Statistical Yearbook*.

Urban Renewal and Planning

691

No. 1109. URBAN RENEWAL PROGRAM—SUMMARY: 1949 TO 1969

[Money figures in thousands of dollars.] Includes Puerto Rico, Guam, and Virgin Islands. Represents Federal grant assistance to localities by the Department of Housing and Urban Development for urban renewal activities under Title I of Housing Act of 1949, as amended.

ITEM	CUMULATIVE TOTAL	NET CHANGE ¹						
		1949-1963	1964	1965	1966	1967	1968	1969
Grant authority reserved:	8,229,799	3,705,878	607,426	672,162	774,578	646,239	950,136	873,887
Urban renewal projects ² :	7,337,364	3,687,263	601,286	664,420	730,800	689,514	787,003	277,078
Neighborhood develop. programs ³ :	500,130	(X)	(X)	(X)	(X)	(X)	82,737	507,393
Certified area programs ⁴ :	4,122	(X)	(X)	(X)	(X)	(X)	(X)	4,122
Code enforcement projects ⁵ :	210,148	(X)	(X)	(X)	35,497	49,584	65,372	59,695
Community renewal programs ⁶ :	49,325	18,701	5,656	3,760	4,147	4,334	10,555	7,172
Demolition projects ⁷ :	20,455	(X)	(X)	3,058	3,408	2,600	4,041	7,350
Demonstration programs ⁸ :	7,740	4,409	484	924	726	207	428	582
Interim assistance programs ⁹ :	10,515	(X)	(X)	(X)	(X)	(X)	(X)	10,515
Urban renewal projects:								
Localities participating:	958	712	58	31	50	66	50	-4
Total projects:	2,080	1,402	143	154	113	135	91	-8
Completed:	477	118	56	68	62	49	86	53
Active:	1,553	1,284	87	101	51	86	5	-61
Grants disbursed:	3,055,418	883,442	246,365	281,382	830,431	412,107	495,229	430,462
Neighborhood develop. prog.:	120,464	(X)	(X)	(X)	(X)	(X)	-	120,464
Code enforcement projects ⁵ :	65,762	(X)	(X)	(X)	1,930	13,891	19,417	30,524
Community renewal programs ⁶ :	33,550	7,206	4,091	3,316	3,576	3,480	5,576	6,305
Demolition projects ⁷ :	4,776	(X)	(X)	-	348	1,038	1,806	1,586
Demonstration programs ⁸ :	6,097	2,915	375	440	739	845	481	302

¹ Represents zero. ² Not applicable. ³ Reflects amendments, cancellations, and terminations.

⁴ First approval, March 1950. ⁵ First approval, November 1968. ⁶ First approval, March 1969.

⁷ First approval, January 1966. ⁸ First approval, August 1960. ⁹ First approval, November 1965.

¹⁰ First approval, March 1953. ¹¹ First approval, December 1969.

Source: Dept. of Housing and Urban Development; *HUD Statistical Yearbook* and *Report of Urban Renewal Operations*.

No. 1110. COMPREHENSIVE PLANNING ASSISTANCE PROGRAM—SUMMARY: 1954 TO 1969

[Money figures in thousands of dollars.] Includes Puerto Rico, Guam, and Virgin Islands. Planning grants are made to State planning agencies, and metropolitan, regional, or other qualified planning agencies]

ITEM AND YEAR	TOTAL	TYPE OF PLANNING AREA ASSISTED						
		Small ¹	Redevel-opment	Metropoli-tan, regional, and inter-state	State-wide	Research and demon-stration	Dis-trict ²	Other
Federal grants, total:	236,409	76,819	24,458	86,793	30,805	6,324	867	10,343
1954-1962	42,040	18,226	5,801	18,471	4,084	-	-	368
1963	17,707	6,320	2,494	6,040	2,765	-	-	81
1964	19,431	7,088	2,945	5,872	3,888	-	-	184
1965	20,795	8,013	1,655	7,842	2,161	-	-	1,124
1966	23,475	5,320	5,536	6,409	4,040	538	-	1,682
1967	27,191	6,813	2,249	11,103	3,873	1,774	-	1,570
1968	44,528	13,916	8,688	14,645	6,252	1,584	2,428	4,443
1969	41,242	11,137	-	23,411	4,407	-	867	932
Number of projects, total:	5,252	3,065	691	953	236	75	14	218
1954-1962	1,092	705	98	234	42	-	-	13
1963	370	247	50	55	11	-	-	1
1964	379	242	57	62	17	-	-	24
1965	445	281	58	64	18	-	-	-
1966	470	206	157	43	22	13	-	29
1967	637	374	73	98	20	33	-	39
1968	1,303	781	102	188	39	16	-	87
1969	556	229	-	209	67	13	14	24

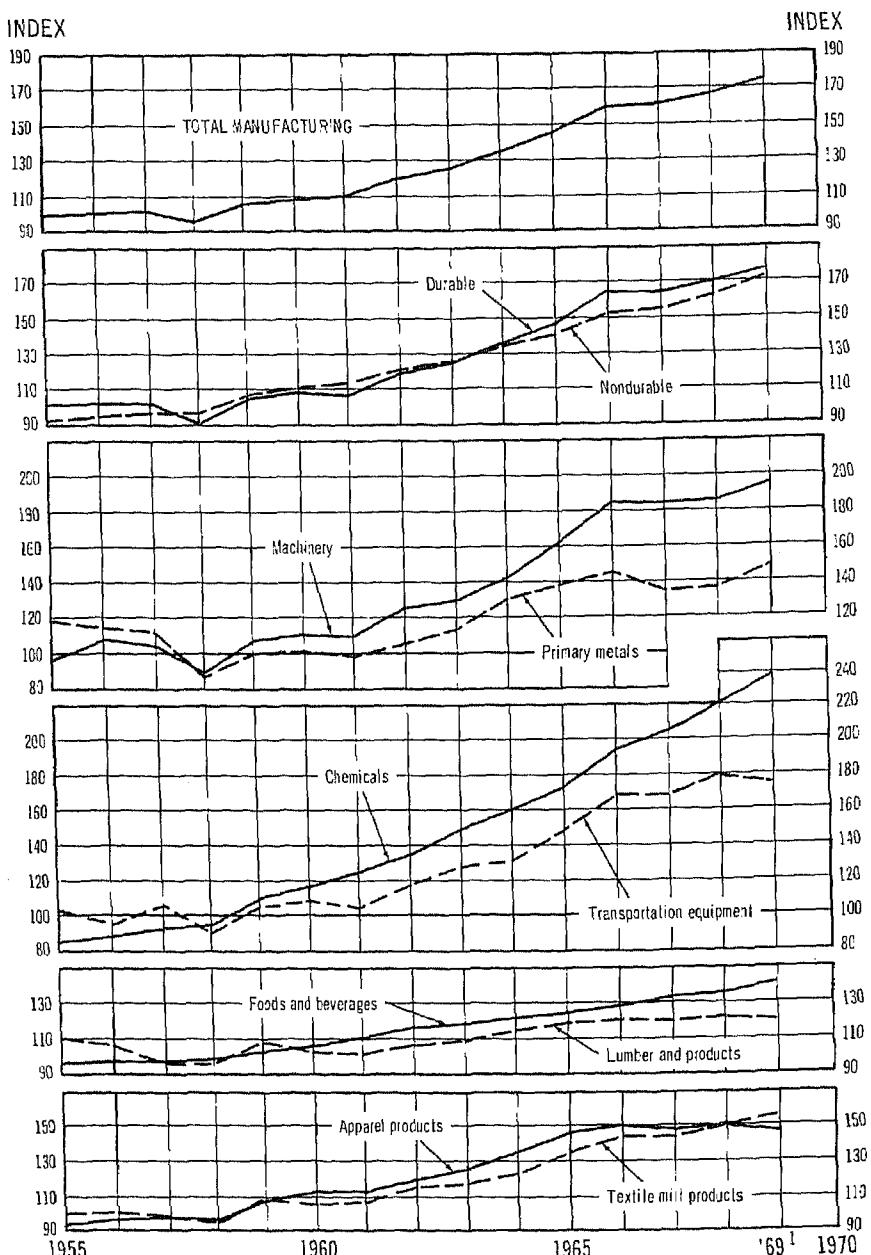
¹ Represents zero. ² Localities with a population under 50,000.

³ Local Development Districts, Economic Development Districts, and Non-metropolitan Districts, etc.

Source: Dept. of Housing and Urban Development; *HUD Statistical Yearbook*, and unpublished data.

FIG. XLIII. INDUSTRIAL PRODUCTION INDEXES: 1955 TO 1969

[1957-59=100. See table 1113]

¹ Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Board of Governors of the Federal Reserve System.

Section 28

Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the Bureau of the Census reports of the quinquennial Census of Manufactures; the *Annual Survey of Manufactures*; and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin*. Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as Bureau of Labor Statistics, Statistical Reporting Service of the Department of Agriculture, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service; and by private research or trade associations such as the American Iron and Steel Institute, The National Canners Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are summarized and published for the leading corporations registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. The Federal Trade Commission has made several comprehensive studies of individual industries.

Censuses and annual surveys.—The first Census of Manufactures covered the year 1809. Thereafter, a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and at 2-year intervals from 1921 through 1939. It was suspended during the World War II period until the 1947 census. Thereafter, censuses were taken covering 1954, 1958, 1963, and 1967.

The *Annual Survey of Manufactures*, conducted for the first time in 1949, carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It provides statistics on employment, payrolls, value added by manufacture, inventories, and new capital expenditures for industry groups, individual industries, geographic divisions, States, and large standard metropolitan statistical areas.

The most recent annual survey is based on a sample of about 65,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants, which account for approximately two-thirds of total manufacturing employment in the United States, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

Establishments and classification.—The Census of Manufactures for 1947 through 1963 covered operating manufacturing establishments as defined in the *Standard*

Industrial Classification Manual issued by the Bureau of the Budget. The 1967 edition of the *Manual* was used for the 1967 census. Reports were required from all establishments employing one or more persons at any time during the census year. In the 1957 census, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the basis of Government administrative records and industry averages. Each of the establishments tabulated was classified in one of the more than 400 manufacturing industries as defined by the Standard Industrial Classification system. This system defines an industry as a number of establishments producing a single product or a closely related group of products. An establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. In a few instances, the industry classification of an establishment is determined not only by its product group but also by the processes employed in making the products.

Final reports of the 1958 Census of Manufactures present data based on the classifications in the 1957 edition of the *Standard Industrial Classification Manual* and include 1954 data converted to the same basis. Selected industries were reclassified for the 1963 census. Wherever possible, the corresponding 1958 data were revised to a comparable basis. Because of the revisions in classification, 1954, 1958, 1963, and 1967 census data for some industries and industry groups are not comparable with figures for prior years.

While some establishments produce only the products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of products primary to the industry.

The censuses for 1947 through 1967 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the Census of Manufactures. Consequently, these series may be considered comparable, except for the changes brought about by the revisions in the industry classification system noted above. However, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November in order to provide data more comparable with other statistical series. The 1954 figures are an average of reported employment totals for the four specified months, except for highly seasonal industries, where a 12-month average was obtained. For 1958 and later censuses, averages of production workers for the four specified months plus the March figure for "all other employees" were used for all industries.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Technical Note—Annual Survey of Manufactures

The annual survey estimates vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation, or "Standard error, is given in tables where applicable." It should be interpreted to mean that the sample estimates will differ from complete canvass totals by less than: (1) The percentage shown in approximately 2 cases out of 3; (2) twice the percentage shown in approximately 19 cases out of 20; and (3) three times the percentage shown in almost every case. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are usually of the same general magnitude.

In making any study of the trend, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the "standard errors." Figures are enclosed by parentheses in the original source volumes if (1) the standard error of the estimate exceeds 15 percent, or (2) survey estimates are inconsistent with other census series and related data. Any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

No. 1111. MANUFACTURES—SUMMARY: 1947 TO 1968

[Prior to 1958, excludes Alaska and Hawaii. Except as noted, figures are estimates based on sample; see text, pp. 603-605. Covers all establishments employing 1 or more persons at anytime during year. See also *Historical Statistics, Colonial Times to 1957*, series P 1-8.]

ITEM	1947 ¹	1950	1954 ¹	1958 ¹	1963 ¹	1967 ¹ (prel.)	1968 (prel.)
Establishments, operating, total.....	1,000	241	260	287	2,303	2,312	(NA)
With 20 or more employees.....	1,000	(NA)	(NA)	90	2,98	2,102	(NA)
Proprietors and firm members.....	1,000	189	(NA)	198	186	169	(NA)
All employees. ³							
Number, annual average ⁴	1,000	14,294	14,770	16,126	16,025	16,967	19,339
Salaries and wages.....	mil. dol.	39,696	47,993	65,977	78,326	99,879	132,241
Payroll per employee.....	dol.	2,777	3,242	4,091	4,888	5,890	8,388
Production workers:							
Number, annual average.....	1,000	11,918	11,770	12,373	11,666	12,282	13,074
Man-hours.....	mil.	24,316	23,717	24,341	22,672	24,509	27,887
Man-hours per worker.....	mil.	2,040	2,013	1,967	1,943	2,004	1,994
Wages.....	mil. dol.	30,244	34,600	44,505	49,575	62,094	81,485
Wages per worker.....	dol.	2,538	2,987	3,604	4,250	5,076	5,831
Wages per worker man-hour.....	dol.	1.24	1.46	1.83	2.19	2.53	2.92
Value added by manufacture ⁵	mil. dol.	74,290	89,750	117,032	141,500	192,289	262,132
Per production worker.....	dol.	6,233	7,619	9,459	12,129	15,720	18,739
Per dollar of wages.....	dol.	2.46	2.59	2.62	2.85	3.10	3.22
Percent of shipments.....		(NA)	(NA)	(NA)	(NA)	45.7	47.0
Value of shipments ⁶	mil. dol.	(NA)	(NA)	(NA)	(NA)	420,677	557,797
Per production worker.....	dol.	(NA)	(NA)	(NA)	(NA)	34,392	39,915
Value of inventories.....	mil. dol.	26,129	30,478	40,341	49,388	59,918	84,295
Capital expenditures ⁷	mil. dol.	5,998	5,041	8,201	9,544	11,371	21,437

¹ N.A. Not available. ² Census data. ³ Includes administrative offices and auxiliary units.

⁴ Includes data for employees of manufacturing establishments engaged in distribution and construction work. Beginning 1950, includes administrative offices, and units auxiliary to manufacturing.

⁵ Data for all industries in 1950, and for most industries in 1954, are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures.

⁶ Unadjusted through 1950; thereafter, adjusted. For definitions, see footnote 3, table 1122.

⁷ Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification.

⁷ Beginning 1954, includes expenditures for plants under construction and not yet in operation.

Source: Dept. of Commerce, Bureau of the Census; 1947, 1954, 1958, and 1963 Censuses of Manufactures final reports, 1967 Census of Manufactures preliminary report, *General Statistics for Industry Groups and Industries*, and *Annual Survey of Manufactures*.

No. 1112. NATIONAL INCOME ORIGINATING IN MANUFACTURING: 1947 TO 1968

[In millions of dollars, except percent. Prior to 1963, excludes Alaska and Hawaii. Data represent net value added at factor costs]

ITEM	1947	1950	1954	1958	1963	1965	1967	1968
Total manufacturing.....	59,496	76,223	94,533	107,741	143,839	172,572	195,621	215,583
Percent of national income.....	30	32	31	29	30	31	30	30
Nondurable goods industries.....	28,035	33,345	39,687	45,715	57,508	66,482	75,739	82,013
Durable goods industries.....	31,461	42,878	54,896	62,026	80,331	106,000	119,582	132,470
Percent of total manufacturing.....	53	56	58	58	60	61	61	62

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and Survey of Current Business, July 1969.

No. 1113. INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY: 1950 TO 1970

[1957-59=100. Quarterly data adjusted for seasonal variation. Based on 1957 Standard Industrial Classification.
See *Historical Statistics, Colonial Times to 1957*, series P 11 and P 147-168, for indexes on 1947-49 base]

MAJOR INDUSTRY GROUP	1950	1955	1960	1965	1966	1967	1968	1969 (prel.)		1970, 1st qtr. (prel.)
								Total	1st qtr.	
Industrial production.....	75	97	109	143	156	158	166	173	170	170
Manufacturing.....	76	97	109	145	159	160	187	174	172	176
Durable manufactures.....	74	102	109	148	165	184	170	177	175	169
Primary metals.....	100	118	101	138	143	133	137	149	143	141
Fabricated metal products.....	85	98	108	148	163	162	168	180	178	177
Machinery.....	73	97	111	161	184	183	184	196	193	194
Transportation equipment.....	56	102	108	149	187	166	180	176	173	166
Instruments and related products.....	57	89	117	151	177	185	184	194	172	194
Clay, glass, and stone products.....	81	96	108	134	141	139	146	166	155	153
Lumber and products.....	98	110	102	117	119	117	122	119	127	112
Furniture and fixtures.....	79	95	116	157	172	168	178	187	187	181
Miscellaneous manufactures.....	89	101	111	146	158	157	161	166	166	169
Nondurable manufactures.....	76	92	110	141	151	155	163	171	168	170
Textile mill products.....	96	99	105	136	143	142	162	154	153	150
Apparel products.....	82	92	112	145	150	148	150	149	149	144
Leather and products.....	91	98	100	108	112	106	111	102	104	98
Paper and products.....	74	93	108	142	152	154	164	176	173	173
Printing and publishing.....	79	93	110	130	142	149	150	156	163	158
Chemicals and products.....	55	83	117	173	193	204	222	239	234	241
Petroleum products.....	73	94	107	124	128	133	140	144	138	144
Rubber and plastics products.....	70	95	111	172	192	194	222	239	233	226
Foods and beverages.....	83	94	107	124	129	138	138	141	141	144
Tobacco products.....	84	88	107	120	120	120	121	117	120	118
Mining.....	83	99	102	115	121	124	127	130	126	134
Utilities.....	50	80	116	161	174	185	203	221	215	231

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957-59 Base*, and *Federal Reserve Bulletin*.

No. 1114. INDEX OF MANUFACTURING CAPACITY: 1950 TO 1970

[1957-59 output=100. Annual figures are averages of quarterly data. Represents estimated quantity of output, relative to output in 1957-59, which the current stock of plant and equipment in manufacturing industries was capable of producing]

YEAR	Capacity	YEAR	Capacity	YEAR AND QUARTER	Capacity
1960.....	84	1963.....	150	1969 (prel.).....	208
1965.....	108	1964.....	156	1st qtr. (prel.).....	208
1968.....	126	1965.....	164	2d qtr. (prel.).....	208
1969.....	130			3d qtr. (prel.).....	208
1970.....	135	1966.....	175	4th qtr. (prel.).....	212
1961.....	140	1967.....	186	1970, 1st qtr. (prel.)....	214
1962.....	144	1968.....	197		

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, July 1967, and quarterly report, *Capacity Utilization in Manufacturing* (B. 5) (Based on data from Federal Reserve Board, Dept. of Commerce, and McGraw-Hill Information Systems Company.)

No. 1115. MANUFACTURING—RELATION OF OUTPUT TO CAPACITY, BY PROCESSING INDUSTRIES GROUPS: 1950 TO 1970

Percent. Annual figures are averages of quarterly data. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups.

YEAR	All manufacturing	Primary processing	Advanced processing	YEAR AND QUARTER	All manufacturing	Primary processing	Advanced processing
1950.....	90	95	87	1966.....	90	90	90
1955.....	90	93	88	1967.....	85	86	86
1959.....	82	82	81	1968.....	85	86	84
1960.....	81	80	81	1969 (prel.)....	84	87	82
1961.....	79	78	79	1st qtr. (prel.)....	85	87	83
1962.....	82	82	83	2d qtr. (prel.)....	85	88	82
1963.....	83	84	83	3d qtr. (prel.)....	84	87	82
1964.....	86	87	84	4th qtr. (prel.)....	82	86	79
1965.....	89	90	88	1970, 1st qtr. (prel.)...	79	82	77

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, July 1967, and quarterly report, *Capacity Utilization in Manufacturing* (E.5.). (Based on data from Federal Reserve Board, Dept. of Commerce, and McGraw-Hill Information Systems Company).

No. 1116. U.S. SHARE OF WORLD EXPORTS OF MANUFACTURES: 1960 TO 1969

[World exports are defined as exports from the 14 major countries: United States, Austria, Belgium-Luxembourg, Canada, Denmark, France, Federal Republic of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and United Kingdom]

COMMODITY	U.S. EXPORTS (mill. dol.)				PERCENT OF WORLD EXPORTS TO FOREIGN MARKETS			
	1960	1965	1968	1969	1960	1965	1968	1969
Manufactures, total ¹	12,625	17,469	23,834	26,781	25.2	22.7	23.4	22.3
Nonelectric machinery.....	3,238	5,042	6,313	7,188	32.7	30.9	29.4	28.8
Transport equipment.....	2,666	3,445	5,850	6,516	33.1	28.4	34.2	32.2
Chemicals.....	1,776	2,402	3,280	3,383	29.6	24.7	24.2	21.9
Electric machinery.....	1,087	1,661	2,284	2,878	28.2	23.9	25.0	24.3
Other.....	3,868	4,919	6,101	7,017	17.4	15.5	15.1	14.5

¹ Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition.

Source: Dept. of Commerce, Bureau of International Commerce; in weekly report, *International Commerce*.

No. 1117. MANUFACTURING—EMPLOYMENT AND VALUE ADDED—PERCENT DISTRIBUTION OF U.S. TOTAL, BY GEOGRAPHIC DIVISIONS: 1947 TO 1967

[For composition of divisions, see fig. I, p. xii]

ITEM	1947	1950	1954	1958	1963	1965	1967
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
EMPLOYMENT							
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	10.3	9.8	9.0	8.7	8.4	8.2	8.1
Middle Atlantic.....	27.7	26.9	26.6	25.7	24.0	23.4	22.6
East North Central.....	30.2	30.0	28.6	26.8	26.4	27.2	26.7
West North Central.....	5.6	5.6	6.0	6.0	6.0	6.0	6.2
South Atlantic.....	10.7	11.1	11.0	11.8	12.5	12.7	12.9
East South Central.....	4.4	4.4	4.5	4.9	5.2	5.6	5.6
West South Central.....	3.9	4.0	4.5	5.0	5.1	5.3	5.8
Mountain.....	1.0	1.1	1.1	1.4	1.7	1.6	1.6
Pacific.....	6.4	7.0	8.8	10.0	10.6	10.0	10.8
VALUE ADDED ¹							
New England.....	9.2	8.3	7.8	7.4	7.1	7.1	7.3
Middle Atlantic.....	23.0	26.2	26.0	24.6	22.7	22.5	22.0
East North Central.....	31.6	33.2	31.2	28.9	29.3	30.2	28.6
West North Central.....	5.5	5.7	6.1	6.3	6.1	6.2	6.4
South Atlantic.....	9.3	9.4	9.1	10.1	11.0	11.1	11.2
East South Central.....	2.9	3.8	4.0	4.5	4.8	5.1	5.2
West South Central.....	4.1	4.3	4.9	5.5	5.7	5.8	6.3
Mountain.....	1.1	1.2	1.2	1.8	1.8	1.6	1.7
Pacific.....	7.5	7.9	9.7	11.1	11.5	10.7	11.3

¹ For definition, see footnote 3, table 1122.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1963*, Vol. III; 1967 *Census of Manufactures*, *General Statistics for Geographic Divisions and States*, preliminary report; and 1950 and 1965 *Annual Survey of Manufactures*.

Manufactures

No. 1118. MANUFACTURES SUMMARY,

STATE	1958 ¹				1963 ¹			
	Estab- lish- ments ²	All employees ³		Value added by manu- facture ⁵	Estab- lish- ments ²	All employees ³		Capital expendi- tures, now ⁶
		Num- ber ⁴	Payroll			Num- ber	Payroll	
1 U.S....	303,387	1,000 16,025	Mil. dol. 78,349	Mil. dol. 141,541	311,921	1,000 16,962	Mil. dol. 99,904	Mil. dol. 192,248
2 N.E.....	24,880	1,400	6,298	10,440	24,650	1,425	7,811	13,575
3 Maine.....	2,755	98	377	628	2,535	100	430	736
4 N.H.....	1,457	79	297	491	1,500	84	379	638
5 Vt.....	1,040	32	132	238	978	34	168	300
6 Mass.....	11,565	681	3,071	5,129	11,811	674	3,712	6,380
7 R.I.....	2,737	115	453	756	2,710	114	533	959
8 Conn.....	5,326	394	1,967	3,200	5,607	419	2,580	4,466
9 M.A.....	82,997	4,113	20,470	34,814	81,798	4,075	24,420	43,629
10 N.Y.....	49,441	1,916	9,628	15,892	47,040	1,854	11,290	19,633
11 N.J.....	14,219	795	4,086	7,600	16,208	829	5,121	9,957
12 Pa.....	10,337	1,402	6,776	11,423	19,459	1,303	8,000	14,048
13 E.N.C.....	61,769	4,261	22,992	40,962	63,092	4,486	29,208	56,827
14 Ohio.....	15,203	1,201	6,523	11,473	15,433	1,241	8,124	15,506
15 Ind.....	6,612	551	2,875	5,602	6,860	609	3,704	7,727
16 Ill.....	18,468	1,190	6,225	11,664	18,592	1,212	7,569	14,640
17 Mich.....	13,596	880	5,161	8,864	14,220	961	6,551	13,092
18 Wis.....	7,800	439	2,209	3,960	7,937	463	2,781	5,362
19 W.N.C.....	20,406	964	4,615	8,870	20,688	1,014	5,895	11,810
20 Minn.....	5,380	221	1,095	2,050	5,500	246	1,478	2,806
21 Iowa.....	3,596	166	812	1,684	3,498	178	1,047	2,287
22 Mo.....	6,588	380	1,771	3,251	6,640	391	2,235	4,286
23 N. Dak.....	405	6	26	63	489	7	31	72
24 S. Dak.....	576	13	55	114	587	13	70	140
25 Nebr.....	1,583	69	265	586	1,611	65	348	747
26 Kans.....	2,309	119	591	1,171	2,475	114	684	1,462
27 S.A.....	33,425	1,885	7,256	14,355	35,546	2,125	10,008	21,158
28 Del.....	560	58	348	490	569	58	430	658
29 Md.....	3,485	250	1,287	2,894	3,519	264	1,650	3,017
30 D.C.....	561	21	114	198	617	22	148	257
31 Va.....	4,472	258	987	2,128	4,542	303	1,432	3,056
32 W. Va.....	1,016	116	574	1,269	1,832	117	700	1,886
33 N.C.....	7,352	461	1,489	3,078	7,784	580	2,092	4,567
34 S.C.....	2,011	226	732	1,360	3,087	262	1,049	2,111
35 Ga.....	5,860	314	1,075	2,102	6,249	354	1,606	3,284
36 Fla.....	6,349	171	680	1,411	7,377	216	1,102	2,352
37 E.S.C.....	13,890	788	3,099	6,389	14,196	887	4,150	9,253
38 Ky.....	2,903	162	721	1,766	2,946	181	959	2,549
39 Tenn.....	4,508	283	1,103	2,207	4,787	334	1,542	3,209
40 Ala.....	3,956	230	920	1,771	4,079	244	1,162	2,889
41 Miss.....	2,433	109	354	642	2,384	128	486	1,017
42 W.S.C.....	18,659	795	3,646	7,791	20,237	865	4,651	10,975
43 Ark.....	2,589	89	293	692	2,859	114	440	961
44 La.....	3,156	137	621	1,430	3,222	140	769	1,916
45 Okla.....	2,409	92	446	725	2,575	98	552	979
46 Tex.....	10,605	478	2,285	5,045	11,581	514	2,890	7,120
47 Mt.....	7,631	229	1,145	2,244	8,527	284	1,706	3,472
48 Mont.....	920	20	95	191	976	20	109	236
49 Idaho.....	1,065	28	128	256	1,103	31	163	366
50 Wyo.....	380	6	32	63	342	7	33	82
51 Colo.....	2,274	78	405	782	2,463	94	596	1,194
52 N. Mex.....	688	14	59	108	741	15	82	150
53 Ariz.....	1,158	41	213	360	1,519	57	348	927
54 Utah.....	1,000	38	186	417	1,110	54	328	711
55 Nev.....	207	5	27	68	283	7	42	106
56 Pac.....	39,736	1,595	8,806	15,666	43,307	1,801	12,060	22,041
57 Wash.....	5,065	215	1,173	2,187	5,250	224	1,479	2,901
58 Oreg.....	5,072	134	649	1,222	4,881	145	820	1,575
59 Calif.....	28,735	1,217	6,876	12,048	32,201	1,401	9,612	17,159
60 Alaska.....	246	5	26	65	303	6	40	85
61 Hawaii.....	618	24	82	165	672	25	100	201

¹ Sum of State totals may not add to U.S. total because figures were independently derived.

² Includes central administrative offices and auxiliary units.

³ Includes employment and payroll at administrative offices and auxiliary units.

⁴ "Production workers" represents the average of the employment for the payroll periods ended nearest the 16th of March, May, August, and November. "All employees" represents the average of "production workers"

⁵ For definition, see footnote 2, table 1119.

Manufactures, by States

699

BY STATES: 1958, 1963, AND 1967

1967 (prel.)

Establishments ²	All employees ³		Production workers			Value added by manufacture ⁵	Value of shipments	Capital expenditures, new ⁶
	Number ⁴	Payroll	Number ⁴	Man-hours	Wages			
311,754	1,000 19,381	Mil. dol. 132,500	1,000 13,999	Millions 27,895	Mil. dol. 81,611	Mil. dol. 262,358	Mil. dol. 559,164	Mil. dol. 21,652
24,313	1,566	10,213	1,138	2,280	6,264	19,030	35,281	1,229
2,387	112	581	94	188	440	1,081	2,241	116
1,481	95	514	77	151	365	936	1,722	76
933	43	261	32	65	164	522	1,136	35
10,974	716	4,669	509	1,002	2,766	8,748	16,024	494
2,700	123	701	97	189	467	1,356	2,559	75
5,829	477	3,487	330	684	2,062	6,388	11,599	433
76,876	4,386	30,736	3,040	5,946	17,532	57,613	114,565	3,817
42,980	1,937	13,920	1,291	2,514	7,374	25,331	49,803	1,331
14,802	887	6,356	607	1,210	3,634	12,798	25,761	854
18,814	1,582	10,460	1,142	2,222	6,524	19,484	39,011	1,633
63,205	5,169	38,611	3,743	7,521	24,805	75,046	160,041	6,134
15,468	1,409	10,813	1,007	2,029	6,811	20,457	42,138	1,700
6,936	711	5,025	544	1,079	3,454	10,309	21,881	1,052
18,578	1,397	10,001	997	1,981	6,180	20,005	41,400	1,505
14,370	1,138	9,383	819	1,674	6,023	17,244	39,149	1,369
7,853	514	3,589	376	757	2,338	7,032	15,473	509
20,861	1,207	8,170	856	1,710	5,046	16,764	42,154	1,061
5,422	300	2,109	199	399	1,178	4,078	9,424	235
3,386	210	1,435	154	310	946	3,253	8,689	231
6,559	462	3,048	321	630	1,852	5,891	14,090	361
451	8	42	5	11	26	113	365	6
608	16	63	11	22	62	171	663	8
1,676	78	480	59	120	327	1,161	3,555	73
2,664	144	965	107	218	655	2,108	5,388	166
38,051	2,502	14,026	1,949	3,907	9,232	29,300	64,612	2,832
537	71	591	39	76	229	961	2,489	116
3,411	288	1,961	206	406	1,210	3,791	8,215	266
587	23	170	12	22	78	331	593	17
4,950	341	1,911	269	536	1,299	4,080	8,622	365
1,845	124	881	97	190	587	2,168	4,041	269
8,278	643	3,064	537	1,068	2,208	6,599	15,124	683
3,473	304	1,500	254	523	1,105	3,020	6,464	401
6,990	423	2,229	339	684	1,522	4,681	11,743	426
7,980	286	1,761	198	402	904	3,668	7,332	310
15,777	1,093	5,921	879	1,736	4,165	13,739	29,669	1,419
2,992	225	1,353	176	345	927	3,638	7,801	340
5,052	418	2,194	334	654	1,512	4,958	10,734	422
4,064	289	1,608	236	467	1,163	3,508	7,405	381
2,769	161	766	134	271	582	1,035	3,730	277
21,915	1,088	6,875	790	1,613	4,264	16,639	41,089	2,431
2,011	143	665	121	239	496	1,824	3,846	175
3,047	165	1,090	121	251	713	2,796	7,273	742
2,613	118	766	79	159	424	1,850	3,306	81
12,744	602	4,354	470	964	2,631	10,969	26,664	1,432
8,689	316	2,130	219	437	1,300	4,524	10,119	432
926	21	130	16	32	97	312	698	69
1,134	37	222	29	57	167	510	1,226	59
833	6	38	4	8	24	89	285	50
2,465	104	729	71	143	444	1,509	3,215	101
760	17	98	11	22	55	185	477	11
1,634	77	547	51	103	310	1,002	2,016	110
1,127	47	316	32	63	183	784	1,681	59
330	7	60	5	10	32	134	250	55
42,557	2,052	15,820	1,384	2,747	9,004	29,704	61,635	2,297
5,036	272	2,123	178	346	1,183	3,777	8,563	466
4,443	163	1,084	181	255	799	2,058	4,612	234
32,070	1,585	12,420	1,049	2,099	6,894	23,416	47,470	1,557
309	7	53	6	11	41	128	267	15
699	25	140	19	36	87	827	723	26

⁶ Includes expenditures for plants in operation and plants under construction but not yet in operation.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1958 and 1963, Vol. III and Vol. I, respectively, and 1967 Census of Manufactures, General Statistics for Geographic Divisions and States, preliminary report.

No. 1119. MANUFACTURES SUMMARY

[Data based on various editions of the *Standard Industrial Classification Manual* published by

INDUSTRY GROUP	In- dustry code ¹	1958			1963		
		All employees		Value added by manufacturer ³	Establishments	All employees	
		Number ²	Pay-roll			Number ²	Pay-roll
All manufacturing establish- ments, incl. administrative and auxiliary units-----	20	1,000	Mil. dol.	Mil. dol.		1,000	Mil. dol.
Operating manufacturing estab- lishments only-----	201	16,025	78,238	141,611	311,923	16,958	99,879
Food and kindred products-----	202	1,718	7,622	17,701	37,521	1,641	8,637
Meat products-----	203	312	1,467	2,502	5,300	300	1,641
Dairy products-----	204	295	1,361	2,876	7,885	257	1,394
Canned, cured, and frozen foods-----	205	234	775	1,969	3,969	244	980
Grain mills-----	206	119	576	1,856	3,565	112	647
Bakery products-----	207	302	1,338	2,642	5,366	280	1,513
Sugar-----	208	33	162	383	164	31	189
Confectionery and related products-----	207	80	301	752	1,263	79	350
Beverages-----	208	207	1,044	2,856	5,018	205	1,225
Misc. food and kindred products-----	209	135	607	1,859	5,001	133	718
Tobacco manufactures-----	21	84	295	1,413	394	78	330
Cigarettes-----	211	34	142	1,060	14	36	183
Cigars-----	212	29	82	183	103	21	68
Chewing and smoking tobacco-----	213	6	24	68	51	4	18
Tobacco stemming and redrying-----	214	15	47	68	136	17	61
Textile mill products-----	22	903	2,943	4,870	7,104	863	3,385
Weaving mills, cotton-----	221	243	724	1,079	407	200	772
Weaving mills, synthetics-----	222	82	277	469	365	88	366
Weaving, finishing mills, wool-----	223	56	206	337	381	47	203
Narrow fabric mills-----	224	25	86	143	384	23	92
Knitting mills-----	225	215	663	1,111	2,848	221	787
Textile finishing, except wool-----	226	73	293	456	621	71	337
Floor covering mills-----	227	34	123	260	349	35	152
Yarn and thread mills-----	228	107	308	516	712	103	359
Misc. textile goods-----	229	60	272	499	1,067	66	317
Apparel and related products-----	23	1,181	3,587	6,001	28,457	1,279	4,423
Men's and boys' suits and coats-----	231	122	408	643	1,112	123	494
Men's and boys' furnishings-----	232	272	601	1,128	2,981	305	899
Women's and misses' outerwear-----	233	361	1,157	1,918	9,740	406	1,426
Women's, children's undergarments-----	234	111	322	596	1,420	114	370
Hats, caps, and millinery-----	235	36	123	200	1,147	31	116
Children's outerwear-----	236	81	281	381	1,576	82	265
Fur goods-----	237	9	50	95	1,591	9	50
Misc. apparel and accessories-----	238	60	177	306	1,582	61	209
Misc. fabricated textile products-----	239	129	427	732	7,308	148	579
Lumber and wood products-----	24	585	2,007	3,213	36,150	562	2,339
Logging camps and contractors-----	241	72	228	390	18,588	73	282
Sawmills and planing mills-----	242	279	870	1,345	18,372	242	936
Millwork, plywood, related prod-----	243	135	572	926	4,970	147	727
Wooden containers-----	244	38	117	177	986	31	112
Misc. wood products-----	249	61	220	374	3,284	69	288
Furniture and fixtures-----	25	854	1,414	2,396	10,478	377	1,727
Household furniture-----	251	268	900	1,624	6,560	270	1,150
Office furniture-----	252	23	110	212	308	27	143
Public building furniture-----	253	16	69	113	420	17	83
Partitions and fixtures-----	254	33	187	301	2,107	44	262
Furniture and fixtures, n.e.c-----	259	19	82	146	1,074	19	89
Paper and allied products-----	26	551	2,759	5,669	5,713	587	3,508
Pulpmills-----	261	14	75	196	45	15	107
Paper mills, except building paper-----	262	131	741	1,543	325	130	878
Paperboard mills-----	263	57	322	840	271	63	420
Misc. converted paper products-----	264	151	705	1,413	2,495	187	917
Paperboard containers and boxes-----	265	181	835	1,502	2,494	200	1,107
Building paper and board mills-----	266	17	82	175	83	12	70

For footnotes, see pp. 704 and 705.

Industry Groups

701

FOR INDUSTRY GROUPS: 1958, 1963, AND 1967

the Bureau of the Budget; see text, pp. 693 and 694. "N.e.c." means not elsewhere classified]

1963—Con.	Establishments	1967 (prev.)								Capital expenditures, new ¹	
		All employees		Production workers		Value added by manufacturer ²	Value of shipments ⁴	End of year inventories			
		Number ²	Pay-roll	Number ²	Wages						
Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.		
420,677	311,125	19,339	182,241	13,974	81,485	262,132	557,767	84,295	21,437	1	
420,677	305,655	18,509	123,605	13,974	81,485	262,132	557,767	84,295	21,437	2	
68,466	32,585	1,654	10,109	1,124	6,081	26,629	84,062	7,737	1,733	3	
16,807	4,921	310	1,955	248	1,435	3,499	21,509	744	198	4	
11,200	6,207	233	1,454	108	607	3,439	12,809	483	198	5	
7,300	3,538	262	1,242	228	958	3,609	9,285	2,183	255	6	
8,181	3,211	112	789	78	481	2,894	9,914	749	181	7	
5,656	4,399	266	1,667	160	893	3,493	6,466	210	151	8	
2,214	183	31	210	25	161	661	2,305	381	81	9	
2,158	1,242	83	434	69	318	1,249	2,696	396	76	10	
6,898	4,384	222	1,535	114	731	4,813	9,146	1,506	370	11	
8,072	4,500	137	852	95	501	2,982	9,932	1,085	226	12	
4,520	329	75	376	66	303	2,031	4,914	2,374	53	13	
2,655	16	37	221	33	188	1,640	3,045	1,424	34	14	
6358	149	19	72	17	59	198	867	55	6	15	
140	46	4	18	3	12	64	122	37	2	16	
1,367	118	16	65	13	44	130	1,880	869	12	17	
15,741	7,056	926	4,382	827	3,549	8,128	19,733	3,079	735	18	
3,104	394	204	942	190	834	1,633	3,346	651	170	19	
1,722	395	108	527	98	444	918	2,280	384	111	20	
1,011	310	42	217	37	171	480	1,092	177	23	21	
349	383	25	117	28	93	209	433	69	15	22	
3,326	2,685	239	1,031	212	806	1,897	4,451	678	120	23	
1,400	638	74	415	62	816	709	1,733	192	57	24	
1,144	387	44	281	36	167	595	1,776	296	46	25	
2,003	768	118	500	109	427	944	2,589	325	128	26	
1,682	1,101	72	402	60	292	794	2,033	309	62	27	
17,097	26,385	1,357	5,580	1,201	4,342	10,068	21,299	2,749	212	28	
1,526	1,004	137	645	121	518	1,056	1,926	332	16	29	
3,598	2,850	344	1,210	313	997	2,170	4,720	779	64	30	
6,330	9,423	410	1,758	369	1,338	3,192	6,536	605	43	31	
1,870	1,215	114	445	100	332	876	1,788	286	20	32	
334	848	24	102	21	78	164	307	35	2	38	
1,026	1,381	78	295	69	231	632	1,112	130	9	34	
334	1,305	8	59	7	47	117	338	33	2	35	
822	1,397	71	284	62	213	509	1,096	138	10	38	
2,557	7,017	172	782	149	594	1,452	3,482	413	56	37	
9,200	36,849	556	2,806	498	2,295	4,985	11,217	1,470	430	38	
1,155	16,338	72	347	69	313	705	1,601	107	104	39	
3,598	11,496	216	1,029	198	876	1,788	4,006	604	145	40	
8,014	4,566	154	892	132	693	1,500	3,623	462	105	41	
402	906	32	135	28	110	241	534	73	10	42	
1,038	3,543	83	408	71	303	751	1,652	225	66	43	
5,884	10,010	425	2,259	357	1,654	4,180	7,746	1,127	201	44	
4,035	6,304	298	1,467	257	1,102	2,680	5,107	714	116	45	
491	367	35	226	28	162	481	787	124	37	46	
269	438	22	131	17	88	232	419	86	10	47	
767	1,971	48	325	38	221	588	1,015	132	28	48	
321	930	21	120	17	81	218	418	71	10	49	
16,357	5,903	638	4,428	507	3,198	9,621	20,740	2,239	1,588	50	
609	63	15	126	12	97	333	735	99	122	51	
8,825	861	140	1,120	112	849	2,344	4,836	555	550	52	
2,316	282	67	534	54	406	1,503	2,904	192	394	53	
4,686	2,498	185	1,175	146	810	2,710	5,977	689	267	54	
4,639	2,616	210	1,391	173	970	2,550	5,963	678	234	55	
282	93	12	81	10	66	181	336	31	20	56	

Manufactures

No. 1119. MANUFACTURES SUMMARY

[See headnote,

INDUSTRY GROUP	Industry code ¹	1958			1963		
		All employees		Value added by manufacturer ³	Establishments	All employees	
		Number ²	Pay-roll			Num-	Pay-
1 Printing and publishing-----	27	1,000		Mil. dol. ⁴	Mil. dol. ⁴	1,000	Mil. dol. ⁴
2 Newspapers-----	271	865	4,489	7,973	38,090	914	5,515
3 Periodicals-----	272	296	1,500	2,529	8,831	306	1,785
4 Books-----	273	67	387	975	2,630	68	461
5 Misc. publishing-----	274	67	336	843	1,676	83	495
6 Commercial printing-----	275	19	92	169	1,374	23	130
7 Manifold business forms-----	276	288	1,519	2,348	19,511	300	1,852
8 Greeting card publishing-----	277	24	121	245	602	29	173
9 Blankbooks and bookbinding-----	278	22	89	179	257	22	108
10 Printing trades services-----	279	40	166	265	1,453	42	206
11 42	279	42	279	890	2,356	41	306
12 Chemicals and allied products-----	28	698	3,940	12,308	11,996	737	4,970
13 Industrial chemicals-----	281	238	1,460	4,314	1,905	287	1,783
14 Plastics materials, synthetics-----	282	122	683	1,900	577	144	974
15 Drugs-----	283	96	546	2,096	1,262	99	674
16 Soap, cleaners, toilet goods-----	284	79	418	1,903	2,680	85	526
17 Paints and allied products-----	285	69	323	807	1,738	61	401
18 Gum and wood chemicals-----	286	7	30	85	240	7	33
19 Agricultural chemicals-----	287	39	160	416	1,384	43	213
20 Misc. chemical products-----	289	59	319	785	2,204	61	386
21 Petroleum and coal products-----	29	179	1,117	2,518	1,829	153	1,134
22 Petroleum refining-----	291	146	944	2,119	427	119	922
23 Paving and roofing materials-----	295	28	119	269	992	25	145
24 Misc. petroleum and coal products-----	299	10	53	130	420	9	67
25 Rubber and plastics prod., n.e.c.-----	30	348	1,723	3,277	5,728	414	2,364
26 Tires and inner tubes-----	301	89	522	1,180	165	85	622
27 Rubber footwear-----	302	20	86	150	53	29	130
28 Reclaimed rubber-----	303	2	12	21	13	2	14
29 Fabricated rubber products, n.e.c.-----	306	120	593	997	1,173	132	701
30 Misc. plastics products-----	307	116	511	929	4,334	160	838
31 Leather and leather products-----	31	349	1,146	1,898	4,047	327	1,228
32 Leather tanning and finishing-----	311	87	106	276	525	31	163
33 Industrial leather belting-----	312	4	19	36	83	3	16
34 Footwear cut stock-----	313	18	58	98	446	14	53
35 Footwear, except rubber-----	314	227	700	1,146	1,193	213	753
36 Leather gloves and mittens-----	315	6	16	26	166	8	24
37 Luggage-----	316	16	55	97	379	16	68
38 Handbags and personal leather goods-----	317	36	115	187	885	37	136
39 Leather goods, n.e.c.-----	319	5	18	31	370	5	19
40 Stone, clay, and glass prod.-----	32	553	2,586	5,533	15,838	573	3,212
41 Flat glass-----	321	21	134	283	31	23	172
42 Glass, glassware, pressed or blown-----	322	90	421	845	220	98	635
43 Products of purchased glass-----	323	24	110	243	1,044	26	138
44 Cement, hydraulic-----	324	41	214	725	188	35	227
45 Structural clay products-----	325	70	293	490	916	65	321
46 Pottery and related products-----	326	44	180	283	638	41	213
47 Concrete, gypsum, plaster products-----	327	150	693	1,554	10,160	166	906
48 Cut stone and stone products-----	328	20	88	129	893	18	86
49 Misc. nonmetallic mineral products-----	329	91	459	1,002	1,748	101	614
50 Primary metal industries-----	33	1,092	6,280	11,642	6,513	1,125	7,734
51 Blast furnace and basic steel prod.-----	331	578	3,571	6,863	746	569	4,168
52 Iron and steel foundries-----	332	182	886	1,322	1,487	200	1,234
53 Primary nonferrous metals-----	333	47	267	709	119	49	328
54 Secondary nonferrous metals-----	334	14	76	147	469	15	96
55 Nonferrous rolling and drawing-----	335	156	861	1,687	748	166	1,094
56 Nonferrous foundries-----	336	62	319	471	1,394	69	412
57 Misc. primary metal products-----	339	52	301	443	1,060	57	402

For footnotes, see pp. 704 and 705.

Industry Groups

703

 FOR INDUSTRY GROUPS: 1958, 1963, AND 1967—Continued
 pages 700 and 701]

1963—Con.		1967 (prel.)							
Value of ship- ments ⁴	Estab- lish- ments	All employees		Production workers		Value added by manu- facture ³	Value of ship- ments ⁴	End of year inven- tories	Capital expendi- tures, new ⁵
		Num- ber ²	Pay- roll	Num- ber ²	Wages				
<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>	
16,166	38,001	1,000	7,112	629	4,010	14,314	21,671	1,847	783
4,484	8,093	334	2,215	168	1,121	4,279	5,894	165	252
2,296	2,510	76	614	14	80	1,816	2,982	165	46
2,081	1,769	97	689	49	312	1,915	2,808	637	103
390	1,497	80	192	14	74	397	594	40	9
4,906	19,498	329	2,346	280	1,681	3,920	6,498	488	273
638	541	35	241	25	160	553	936	99	40
346	223	28	151	16	75	372	518	148	15
407	1,457	55	300	48	231	519	751	80	28
529	2,403	42	364	33	275	842	661	25	19
31,773	11,805	849	6,508	547	3,593	23,770	42,470	5,391	2,880
11,109	2,034	248	2,090	161	1,226	7,706	14,044	1,728	1,368
5,470	769	172	1,292	121	798	3,810	7,347	865	728
3,716	1,120	118	940	86	403	4,085	5,246	736	204
4,856	2,509	97	682	62	347	3,953	6,531	686	130
2,456	1,704	67	497	37	225	1,380	2,940	430	82
213	183	6	33	5	23	100	214	46	21
1,989	1,281	53	349	36	206	1,245	3,102	573	224
1,084	2,199	88	625	60	365	1,603	3,046	326	133
17,995	1,886	142	1,216	99	786	5,429	22,042	2,024	1,001
16,497	438	107	965	76	632	4,745	20,298	1,899	956
955	1,102	28	186	19	124	450	1,182	61	34
543	346	8	65	5	30	225	588	63	10
9,116	6,468	518	3,297	412	2,822	6,817	12,789	1,672	682
2,960	182	93	774	71	574	1,823	3,754	526	199
364	64	30	143	28	115	247	429	93	10
49	24	2	12	1	9	23	44	5	2
2,598	1,186	140	917	107	614	1,731	3,122	410	134
3,165	5,002	254	1,451	206	1,011	2,998	5,401	638	335
4,210	3,695	330	1,460	294	1,148	2,646	5,184	648	60
758	520	31	186	26	142	319	870	136	31
52	67	3	16	2	10	32	54	8	1
229	381	14	60	12	40	111	263	25	33
2,373	1,090	212	890	192	722	1,639	2,971	386	24
81	148	6	23	6	18	37	88	14	1
210	326	21	96	18	68	185	330	45	9
439	797	37	163	32	121	278	512	52	4
67	366	6	26	5	19	46	98	12	1
12,289	15,602	591	3,838	471	2,792	8,431	14,604	1,873	871
549	64	24	197	20	158	423	611	93	60
1,635	305	109	688	96	574	1,502	2,240	283	167
627	890	28	179	23	132	388	792	132	22
1,177	197	32	245	28	183	810	1,239	201	105
842	855	61	346	50	254	612	922	191	59
498	618	42	243	36	188	412	590	96	29
4,313	10,016	170	1,106	123	720	2,476	5,007	362	272
217	810	16	90	14	70	146	287	30	6
2,435	1,847	109	747	83	514	1,662	2,967	484	160
35,621	6,821	1,279	9,847	1,042	7,460	19,975	46,550	7,982	3,035
19,146	864	616	5,014	500	3,827	10,122	22,952	4,592	1,813
3,174	1,444	234	1,653	201	1,318	2,650	4,318	412	278
3,094	142	53	405	42	300	1,413	3,655	694	255
1,046	403	17	124	13	79	276	1,619	180	41
6,613	820	192	1,424	149	1,016	3,301	9,877	1,708	466
1,280	1,886	89	607	76	462	1,066	1,920	172	69
1,319	1,272	77	621	61	487	1,147	2,209	323	112

Manufactures

No. 1119. MANUFACTURES SUMMARY

[See headnote,

INDUSTRY GROUP	In- du- stry code ¹	1958			1963		
		All employees		Value added by manu- facture ³	Estab- lish- ments	All employees	
		Num- ber ²	Pay- roll	Mil. dol.	Mil. dol.	Num- ber ²	Pay- roll
1 Fabricated metal products	34	1,000	5,425	9,430	26,991	1,000	6,840
2 Metal cans	341	54	304	669	270	53	377
3 Cutlery, handtools, hardware	342	136	657	1,202	2,022	136	799
4 Plumbing and heating, ex. electric	343	72	357	872	979	68	301
5 Fabricated structural metal prod.	344	341	1,806	2,983	10,199	326	1,923
6 Screw machine products, bolts, etc.	345	85	441	755	2,447	95	584
7 Metal stampings ⁴	346	125	644	1,045	2,590	182	1,225
8 Metal services, n.e.c.	347	52	224	362	4,281	66	331
9 Misc. fabricated wire products	348	56	261	440	1,567	58	298
10 Fabricated metal prod., n.e.c.	349	139	727	1,322	2,636	150	912
11 Machinery, exc. electrical	35	1,350	7,314	12,414	33,703	1,462	9,571
12 Engines and turbines	351	97	561	1,089	165	87	609
13 Farm machinery	352	108	551	1,088	1,568	113	689
14 Construction and related machinery	353	200	1,073	2,056	2,269	212	1,381
15 Metalworking machinery	354	234	1,380	2,058	8,536	259	1,842
16 Special industry machinery	355	162	854	1,340	3,290	172	1,095
17 General industrial machinery	356	211	1,143	1,935	3,760	233	1,542
18 Office and computing machines	357	122	667	971	515	137	945
19 Service industry machines	358	100	509	918	1,520	113	874
20 Misc. machinery, except electrical	359	116	875	960	12,090	136	794
21 Electrical equip. and supplies	36	1,141	5,651	10,624	9,948	1,511	9,284
22 Electric test and distributing equip.	361	134	724	1,330	1,137	132	822
23 Electrical industrial apparatus	362	186	819	1,448	1,244	161	1,005
24 Household appliances	363	143	732	1,549	700	146	864
25 Electric lighting and wiring equip.	364	124	568	1,183	1,951	132	710
26 Radio and TV receiving equip.	365	74	326	687	615	91	450
27 Communication equipment	366	234	1,260	2,274	1,222	476	8,395
28 Electronic components, accessories	367	198	854	1,434	2,291	289	1,536
29 Misc. electrical equipment, supplies	369	77	377	711	888	84	495
30 Transportation equipment	37	1,562	9,186	15,315	7,179	1,548	11,381
31 Motor vehicles and equipment ⁵	371	832	8,339	6,781	2,749	644	4,741
32 Aircraft and parts	372	765	4,720	6,924	1,345	677	5,220
33 Ship and boat building and repairing	373	145	774	1,072	1,960	140	898
34 Railroad equipment	374	40	222	320	102	45	302
35 Motorcycles, bicycles, and parts	375	8	33	62	88	10	48
36 Misc. transportation equipment	379	23	98	166	935	34	163
37 Instruments and related prod.	38	286	1,510	2,781	3,949	305	1,912
38 Engineering, scientific instruments	381	57	330	481	504	33	208
39 Mech. measuring and control devices	382	76	387	718	774	94	581
40 Optical instruments and lenses	383	7	38	60	280	12	79
41 Medical instruments and supplies	384	42	196	414	1,314	51	291
42 Ophthalmic goods	385	18	71	137	229	20	96
43 Photographic equip. and supplies	386	60	369	789	588	66	499
44 Watches, clocks, and watchcases	387	26	119	184	220	30	158
45 Misc. manufacturing industries including ordnance⁶	39	560	2,770	4,635	14,981	643	3,769
46 Jewelry, silverware, and plated ware	391	41	182	318	2,103	44	226
47 Musical instruments and parts	393	16	75	121	320	20	103
48 Toys and sporting goods	394	99	362	712	2,690	114	461
49 Pens, pencils, office and art supplies	395	29	124	237	1,001	33	160
50 Costume jewelry and notions	396	56	194	388	1,929	53	214
51 Misc. manufactures (including ordnance) ⁶	399	319	1,834	2,909	6,848	379	2,606
52 Administrative and auxiliary^{8,10}	(X)	602	4,474	(X)	5,304	726	6,615

^X Not applicable. ¹ Standard Industrial Classification code.²"All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 16th of March.³ Value of shipments less cost of materials, supplies, containers, fuels, purchased electricity, and contract work, plus net change in finished goods and work-in-process inventory, and value added in merchandising activities of manufacturing establishments. For 1958, breakdown does not add to total because of exclusion of selected industries for Alaska and Hawaii in order to avoid disclosure.⁴ Includes extensive duplication arising from shipments between establishments in the same industry classification.⁵ Includes expenditures for plants in operation and plants under construction but not yet in operation.

FOR INDUSTRY GROUPS: 1958, 1963, AND 1967—Continued

pp. 700 and 701]

1963—Con.		1967 (cont.)							
Value of ship- ments ⁴	Estab- lish- ments	All employees		Production workers		Value added by manu- facture ⁵	Value of ship- ments ⁴	End of year inven- tories	Capital expendi- tures new ⁶
		Num- ber ²	Pay- roll	Num- ber ²	Wages				
Mil. dol.		Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
24,912	27,413	1,000	9,310	1,057	6,536	17,929	34,398	5,646	1,111
2,075	300	60	476	52	395	1,146	2,902	452	100
2,737	1,941	157	1,046	125	746	2,320	3,722	687	121
1,589	839	64	422	48	275	860	1,708	362	41
7,070	10,165	390	2,703	294	1,788	4,874	10,350	1,827	261
1,807	2,535	116	848	94	605	1,620	2,656	410	117
4,528	2,702	225	1,675	186	1,264	3,005	5,845	696	192
840	4,674	81	478	69	353	862	1,256	72	64
1,081	1,555	61	370	50	262	685	1,244	177	39
3,238	2,702	187	1,294	139	848	2,658	4,717	984	166
30,548	37,743	1,858	14,174	1,844	9,200	27,725	48,357	10,948	1,882
2,090	180	99	816	72	538	1,591	3,122	724	164
2,842	1,615	134	931	102	651	2,016	4,232	985	127
5,260	2,288	271	2,030	189	1,284	4,108	7,859	1,980	233
4,475	9,402	384	2,833	254	1,367	5,045	7,442	1,587	318
3,803	3,289	207	1,675	140	947	2,886	4,982	1,250	173
4,733	3,768	279	2,133	197	1,354	4,107	6,931	1,555	296
2,968	588	190	1,456	119	754	3,324	5,717	1,475	182
2,841	1,570	142	960	102	614	2,142	4,391	1,024	145
2,036	15,048	202	1,439	168	1,090	2,526	3,701	370	179
29,840	10,753	1,897	13,129	1,838	7,684	24,845	43,896	8,600	1,562
2,566	1,215	178	1,261	126	752	2,556	4,140	885	147
3,164	1,317	208	1,428	154	929	2,792	4,630	921	207
4,118	640	168	1,089	134	779	2,642	5,270	978	118
2,820	1,882	161	987	126	656	2,255	3,912	638	136
2,435	680	130	716	107	514	1,577	4,107	762	93
3,882	1,413	537	4,502	311	2,091	7,170	11,447	2,690	374
3,910	2,456	408	2,468	296	1,494	4,460	7,608	1,310	380
1,946	1,170	107	714	84	499	1,491	2,773	416	108
53,545	7,439	1,824	15,062	1,331	9,859	28,079	68,238	12,350	1,814
35,328	2,652	743	5,953	608	4,607	18,778	40,374	3,624	872
13,741	1,265	701	7,002	482	3,728	11,153	20,810	7,234	788
2,040	2,008	168	1,227	139	938	1,692	3,067	988	85
1,365	120	56	424	44	312	773	2,098	388	40
193	91	12	70	10	53	136	300	60	6
880	1,303	54	294	46	221	1,589	156	26	36
6,118	4,449	392	2,803	264	1,558	6,262	9,845	1,926	391
554	630	47	337	32	195	682	1,080	239	23
1,671	767	103	722	67	392	1,384	2,053	600	58
198	301	20	168	18	84	275	392	89	16
1,028	1,463	68	428	48	248	983	1,520	306	54
273	460	28	143	21	103	286	426	98	14
1,851	554	93	808	55	395	2,272	3,671	510	216
545	224	35	210	28	140	400	803	185	10
11,279	14,473	832	5,909	567	3,117	10,269	18,010	2,612	416
858	2,205	52	320	42	217	645	1,803	270	14
314	844	25	145	21	107	241	459	124	10
1,827	2,438	116	559	97	387	1,204	2,200	406	63
589	989	36	200	25	116	411	722	122	23
760	1,608	52	253	44	177	529	931	134	22
6,930	6,919	552	4,432	337	2,114	7,288	12,415	1,554	283
(X)	5,470	830	8,636	(X)	(X)	(X)	(X)	(X)	52

⁶ Value of production. The formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

⁷ Beginning 1963, not strictly comparable with data for 1968 due to difference in coverage.

⁸ 1967 data not strictly comparable with data for earlier years due to difference in coverage.

⁹ Includes privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes Government-owned and operated equipment.

¹⁰ Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1958, 1963, and 1967, Vol. III, Vol. I, and preliminary report, General Statistics for Industry Groups and Industries, respectively.

No. 1120. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS: 1954 TO 1969

[In billions of dollars, except ratios. Prior to 1960, excludes Alaska and Hawaii. As of December 31 or calendar year, as applicable. Data include manufacturing activities of all companies. See *Historical Statistics, Colonial Times to 1957*, series T 378-386, for related but not comparable data]

ITEM	1954	1955	1958	1960	1964	1965	1966	1967	1968	1969
Shipments	280.3	317.8	327.4	369.6	448.0	492.0	538.5	548.5	603.7	655.4
Durable goods industries	141.9	168.9	162.9	180.8	235.6	266.6	295.6	299.7	331.0	363.6
Non-durable goods industries	138.3	148.9	164.5	179.7	212.4	225.5	242.0	248.9	272.8	291.7
Inventories	41.8	45.2	50.0	53.5	63.2	68.0	77.9	82.6	88.2	95.5
Durable goods industries	23.8	26.4	29.9	32.0	38.2	41.9	49.5	53.2	57.0	63.1
Non-durable goods industries	18.0	18.8	20.1	21.6	25.0	26.1	28.4	29.3	31.2	32.4
Ratio of inventories to sales ¹	1.81	1.02	1.84	1.76	1.64	1.60	1.63	1.78	1.70	1.70
Durable goods	2.05	1.76	2.22	2.08	1.88	1.82	1.86	2.09	2.01	2.01
Non-durable goods	1.56	1.47	1.45	1.42	1.38	1.34	1.35	1.40	1.33	1.31
Inventories by stages of fabrication:										
All manufacturing	41.8	45.2	50.0	53.5	63.2	68.0	77.9	82.6	88.2	95.5
Materials and supplies	16.5	18.2	19.0	19.7	22.4	24.1	27.1	27.2	28.6	29.7
Work in process	12.1	13.2	15.0	15.5	19.5	21.7	25.9	28.8	30.8	34.5
Finished goods	13.3	13.8	16.1	18.3	21.3	22.3	24.9	26.6	28.9	31.3
New orders	267.8	329.1	322.8	361.4	455.4	501.6	551.3	551.1	607.2	657.8
Durable goods industries	128.9	170.4	168.0	182.7	243.1	275.8	308.5	302.3	334.4	360.1
Non-durable goods industries	138.8	149.6	184.8	178.7	212.3	225.8	242.7	248.9	272.7	291.7
Unfilled orders	48.2	60.0	48.4	45.7	57.6	67.2	79.9	82.5	85.9	88.4
Durable goods industries	45.2	56.4	45.4	43.1	54.8	64.0	76.9	79.5	82.9	85.4
Non-durable goods industries	3.0	3.7	3.1	2.6	2.8	3.1	3.0	3.0	3.0	3.0

¹ Ratios based on average inventories to average monthly sales.

Source: Dept. of Commerce, Bureau of the Census; *Manufacturers' Shipments, Inventories, and Orders: 1947-1965 Revised and 1961-1968*, Series M3-1, and *Current Industrial Reports*, Series M3-1.

No. 1121. CAPITAL IN MANUFACTURING INDUSTRIES: 1940 TO 1968

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Data refer to privately owned manufacturing industries and are based on the fixed capital formation components of the gross national product. For detailed discussion, see source. See also *Historical Statistics, Colonial Times to 1957*, series P 24-26 and, for data in 1947 dollars, series P 20-23 and P 27-29.]

ITEM	1940	1945	1950	1955	1960	1965	1966	1967	1968
Purchases of structures and equipment:									
In current dollars	1.9	3.1	5.5	8.6	10.2	16.7	20.4	20.4	20.3
Structures	.7	.9	1.6	2.7	2.8	4.2	5.3	5.4	5.3
Equipment	1.3	2.2	3.0	5.9	7.4	12.5	15.1	15.0	15.1
In 1958 dollars	4.8	5.7	7.7	10.1	9.9	15.4	18.2	17.6	17.1
Structures	2.0	1.9	2.2	3.2	2.8	3.7	4.5	4.4	4.1
Equipment	2.8	3.8	5.5	7.0	7.1	11.7	13.7	13.1	12.8
Depreciation (declining balance) on structures and equipment: ¹									
In current dollars	1.6	2.0	4.9	7.1	9.8	11.9	13.3	14.8	16.1
Structures	.6	.8	1.7	2.1	2.8	3.2	3.4	3.7	4.0
Equipment	.9	1.2	3.2	5.0	7.0	8.7	9.8	11.1	12.0
In 1958 dollars	4.1	4.1	6.8	8.4	9.5	10.9	11.8	12.7	13.4
Structures	2.0	1.8	2.3	2.5	2.7	2.8	2.9	3.0	3.1
Equipment	2.1	2.3	4.5	5.9	6.8	8.1	8.9	9.7	10.3
Net investment: ²									
In current dollars	.4	1.1	.6	1.5	.4	4.8	7.1	5.6	4.3
Structures	-.1	-.1	-.6	.1	1.0	1.8	1.7	1.2	
Equipment	.4	1.0	.7	.9	.4	3.8	5.3	4.0	3.1
In 1958 dollars	.7	1.6	.9	1.8	.4	4.5	6.4	4.8	3.6
Structures	-.1	-.1	-.7	.1	.9	1.6	1.4	1.0	
Equipment	.7	1.5	1.0	1.1	.4	3.5	4.8	3.4	2.6
Real net value of structures, equipment, and inventories in 1958 dollars:									
Structures and equipment ³	62.9	68.1	93.2	116.7	128.4	149.3	170.0	180.1	190.4
Structures	32.8	33.0	51.2	62.5	69.3	77.5	83.8	88.7	92.3
Equipment	20.7	18.1	24.7	29.0	30.7	32.0	33.5	34.9	35.9
Inventories	12.0	14.8	26.6	34.6	38.5	45.3	50.3	53.7	56.4
	30.1	35.1	42.0	54.2	59.2	71.8	80.2	91.4	98.1

¹ Represents zero. ² Estimates derived by using perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F. ³ Represents the difference between the purchase and depreciation series. ³ Represents real net value of structures and equipment in preceding year plus net investment based on declining balance depreciation for year shown.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, April 1970, and unpublished data.

Employee Size-Class—Large Manufacturing Companies 707

No. 1122. MANUFACTURES—SUMMARY, BY EMPLOYEE SIZE-CLASS: 1947 TO 1963 [Establishments and employees in thousands; money figures in millions of dollars, except as indicated]

ITEM AND YEAR	All establish- ments	EMPLOYEE SIZE-CLASS OF ESTABLISHMENTS									
		Total					Percent distribution				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20-99	100-249	250-999	1,000 and over
Establishments: ¹											
1947.....	241	158	59	14	9	2	65.5	24.4	5.9	3.4	0.8
1954.....	287	196	64	16	9	2	68.4	22.3	5.5	3.1	0.7
1958.....	290	203	68	17	10	2	68.1	22.8	5.4	3.0	0.7
1963.....	² 307	207	70	18	10	2	67.6	22.9	5.7	3.2	0.6
Employees, number: ¹											
1947.....	14,294	1,034	2,545	2,229	3,799	4,688	7.2	17.8	15.6	26.6	32.8
1954.....	15,645	1,195	2,835	2,430	4,081	5,103	7.7	18.1	15.5	26.0	32.6
1958.....	15,422	1,202	2,956	2,503	4,055	4,707	7.8	19.2	16.2	26.3	30.5
1963.....	² 16,235	1,176	3,072	2,727	4,312	4,962	7.3	18.9	16.8	26.5	30.5
Payroll: ¹											
1947.....	30,696	2,390	6,682	5,937	10,463	14,223	6.0	16.9	15.0	26.3	35.8
1954.....	62,903	3,766	10,246	9,171	16,204	23,516	6.0	16.3	14.6	25.9	37.3
1958.....	73,875	4,650	12,474	10,903	18,935	26,856	6.3	16.9	14.8	25.6	36.3
1963 ³	² 93,289	5,502	15,191	13,928	23,740	34,772	6.0	16.3	16.0	25.5	37.3
Value added by manu- facture: ⁴											
1947.....	74,200	4,944	12,620	11,772	20,542	24,410	6.6	17.0	15.8	27.6	32.8
1954.....	116,848	7,207	18,013	17,143	31,286	43,199	6.1	15.4	14.7	26.8	37.0
1958.....	141,541	9,214	23,113	21,216	37,502	50,495	6.5	16.3	15.0	26.5	35.7
1963 ³	² 192,102	11,310	30,073	28,826	51,054	71,056	5.9	15.6	15.0	26.5	36.9
Capital expenditures, new: ⁵											
1954.....	8,201	870	1,024	1,111	2,052	3,145	10.6	12.5	13.5	25.0	38.3
1958.....	9,544	1,352	1,250	1,159	2,309	3,474	14.2	13.0	12.2	24.2	36.4
1963 ³	² 11,371	1,215	1,784	1,603	2,675	4,133	10.7	15.7	14.1	23.4	36.3

¹ Excludes administrative offices and auxiliary units.

² Preliminary 1967 data as follows: Establishments, 306; employees, 18,570; payroll, \$123,256; value added by manufacture, \$259,301; and capital expenditures, new, \$20,231. Breakdown not available.

³ Individual size-class data do not add to total because they were derived from separate tabulations.

⁴ For 1954, 1958, and 1963, represents adjusted value added and, for 1947, unadjusted value added. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year.

Source: Dept. of Commerce, Bureau of the Census; *1968 Census of Manufactures*, Vol. I and unpublished data

No. 1123. PERCENT SHARE OF LARGEST COMPANIES IN MANUFACTURING: 1947 TO 1966

[Companies ranked on value added by manufacture; companies in each group are not identical for all years]

ITEM	1947	1954	1958	1962	1963	1966
Value added by manufacture:						
Largest 50 companies.....	17	23	23	24	25	25
Largest 100 companies.....	23	30	30	32	33	33
Largest 150 companies.....	27	34	35	36	37	38
Largest 200 companies.....	30	37	38	40	41	42
All establish- ments, 1963						
PERCENT SHARE OF LARGEST COMPANIES, 1963						
	Total	50 largest	51-100 largest	101-150 largest	151-200 largest	
Establishments ¹	1,000	312	3	1	1	(z)
All employees, total ¹	1,000	16,961	31	19	6	4
Payroll.....	... mil. dol.	99,904	39	24	8	4
Value of shipments ².....	... mil. dol.	420,528	42	25	9	4
New capital expenditures ³.....	... mil. dol.	11,371	46	28	10	4

¹ Less than 0.5 percent. ² Includes central administrative offices and auxiliaries.

³ Includes substantial duplication since output of some establishments is used as materials by others.

Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1963*, and *1968 Annual Survey of Manufactures*, Series M66 (AS)-8.

No. 1124. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1947, 1958, AND 1966

[Prior to 1966, excludes Alaska and Hawaii. First 50 industries as determined by value of shipments in 1966. Industry codes and descriptions are based on the 1957 *Standard Industrial Classification Manual* (SIC) as modified in 1963. Determination of company affiliation of establishments is based on census reports and publicly available records. Value of shipment totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry. Industries in the "not elsewhere classified" category are omitted, regardless of their value of shipments.]

Industry code ¹	INDUSTRY AND YEAR	Number of companies	VALUE OF SHIPMENTS				
			Total ² (mil. dol.)	Percent made by largest companies, grouped as follows—			
				4	8	20	50
3717	Motor vehicles and parts ³	1947.....	779	(NA)	56	64	78 (X)
		1958.....	989	20,830	75	81	89 94
		1966.....	(NA)	45,630	79	83	(NA) (NA)
3812	Blast furnaces and steel mills ^{3,4}	1947.....	(NA)	(NA)	50	66	81 (NA)
		1958.....	148	13,423	58	70	84 96
		1966.....	(NA)	21,193	49	66	(NA) (NA)
2911	Petroleum refining.....	1947.....	277	6,624	87	59	83 (NA)
		1958.....	289	14,106	32	55	82 94
		1966.....	(NA)	18,742	32	57	(NA) (NA)
2011	Meat slaughtering plants ³	1947.....	1,999	8,970	41	54	63 (NA)
		1958.....	2,646	11,972	34	46	57 65
		1966.....	(NA)	15,069	27	39	(NA) (NA)
3721	Aircraft ³	1958.....	⁶ 113	6,438	59	83	99 99+
		1966.....	(NA)	9,000	67	88	(NA) (NA)
3662	Radio, TV communications equipment.....	1966.....	⁶ 1,001	7,563	24	39	(NA) (NA)
2026	Fluid milk.....	1958.....	5,008	5,802	23	29	37 45
		1966.....	(NA)	7,435	23	30	(NA) (NA)
2711	Newspapers.....	1947.....	8,115	1,891	21	26	36 (NA)
		1958.....	7,947	3,616	17	24	35 51
		1966.....	(NA)	5,520	14	22	(NA) (NA)
2051	Bread and related products.....	1947.....	5,985	2,404	16	26	36 (NA)
		1958.....	5,305	3,690	22	33	42 51
		1966.....	(NA)	5,007	25	37	(NA) (NA)
3571	Computing and related machines.....	1966.....	⁶ 213	4,833	(D)	(D)	(NA) (NA)
2621	Paper mills, except building.....	1966.....	⁶ 86	4,806	28	40	(NA) (NA)
3722	Aircraft engines and parts.....	1947.....	54	465	72	88	98 (NA)
		1958.....	186	3,359	56	77	92 97
		1966.....	(NA)	4,672	58	77	(NA) (NA)
2042	Prepared animal feeds.....	1947.....	2,872	2,112	19	27	40 (NA)
		1958.....	2,016	2,042	22	30	43 56
		1966.....	(NA)	4,438	23	31	(NA) (NA)
2834	Pharmaceutical preparations.....	1947.....	1,123	941	28	44	64 (NA)
		1958.....	1,064	2,533	27	45	73 87
		1966.....	(NA)	4,432	24	41	(NA) (NA)
3522	Farm machinery and equipment.....	1966.....	⁶ 1,481	4,332	45	59	(NA) (NA)
3651	Radio and TV receiving sets.....	1966.....	⁶ 322	4,092	48	68	(NA) (NA)
3531	Construction machinery.....	1966.....	⁶ 561	3,768	45	57	(NA) (NA)
3461	Metal stampings.....	1958.....	(NA)	2,021	12	18	(NA) (NA)
		1966.....	(NA)	3,756	11	17	(NA) (NA)
3011	Tires and inner tubes.....	1966.....	⁶ 105	3,716	71	90	(NA) (NA)
3857	Nonferrous wire drawing, etc.....	1966.....	⁶ 211	3,711	89	56	(NA) (NA)
2821	Plastics materials and resins.....	1947.....	94	478	44	63	80 (NA)
		1958.....	273	1,811	40	56	70 92
		1966.....	(NA)	3,538	32	46	(NA) (NA)
2421	Sawmills and planing mills.....	1966.....	⁶ 11,931	3,391	11	15	(NA) (NA)
3861	Photographic equipment.....	1947.....	346	457	61	70	81 (NA)
		1958.....	450	1,134	65	74	85 98
		1966.....	(NA)	3,286	67	79	(NA) (NA)
2033	Canned fruits and vegetables.....	1966.....	⁶ 1,185	7,318	24	35	(NA) (NA)
2751	Printing, except lithographic.....	1966.....	⁶ 11,970	3,202	14	20	(NA) (NA)
3552	Aluminum rolling and drawing.....	1966.....	⁶ 68	3,100	65	78	(NA) (NA)
2851	Paints and allied products.....	1966.....	⁶ 1,579	2,970	23	36	(NA) (NA)
2053	Corrugated shipping containers.....	1966.....	⁶ 520	2,891	18	33	(NA) (NA)
2111	Cigarettes.....	1947.....	19	7,1,132	90	99+	100 (X)
		1958.....	12	7,2,159	79	99+	100 (X)
		1966.....	(NA)	7,2,860	81	100	(NA) (NA)

See footnotes at end of table.

Large Manufacturing Companies

709

No. 1124. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1947, 1958, AND 1966—Continued

[See headnote, p. 708]

In- du- stry code ¹	INDUSTRY AND YEAR	Number of com- panies	VALUE OF SHIPMENTS				
			Total ² (mil. dol.)	Percent made by largest com- panies, grouped as follows:			
				4	8	20	50
2631	Paperboard mills	1966	6 146	2,853	27	42	(NA)
2752	Printing, lithographic	1966	6 738	2,791	5	9	(NA)
2015	Poultry dressing plants	1966	6 842	2,754	17	24	(NA)
2086	Bottled and canned soft drinks	1947	5 169	748	10	14	20
		1958	3,080	1,435	11	15	22
		1966	(NA)	2,735	14	20	(NA)
3321	Gray-iron foundries ³	1947	1,554	1,173	16	24	35
		1958	1,190	1,406	24	33	61
		1966	(NA)	2,728	27	37	(NA)
2721	Periodicals	1947	2,106	1,060	34	43	58
		1958	2,245	1,651	31	41	55
		1966	(NA)	2,718	28	41	(NA)
3585	Refrigeration machinery ⁴	1966	6 655	2,713	34	49	(NA)
2082	Malt liquors	1947	404	1,316	21	30	44
		1958	211	1,980	28	44	68
		1966	(NA)	2,700	39	56	(NA)
3141	Shoes, except rubber ⁵	1947	1,077	1,727	28	35	45
		1958	871	2,026	27	34	43
		1966	(NA)	2,650	26	34	(NA)
3411	Metal cans	1947	102	679	78	86	94
		1958	84	1,804	80	89	97
		1966	(NA)	2,631	71	83	(NA)
3441	Fabricated structural steel	1966	6 1,636	2,602	14	20	(NA)
	Ready mixed concrete	1958	3,014	1,550	4	7	13
		1966	(NA)	2,628	5	8	(NA)
2335	Dresses	1966	6 4,577	2,505	8	10	(NA)
	Meat processing plants ³	1966	6 1,273	2,502	16	23	(NA)
		1966	(NA)	(NA)	(NA)	(NA)	(NA)
3661	Telephone; telegraph apparatus	1958	44	1,208	92	97	99+
		1966	(NA)	2,467	94	97	(NA)
	Toilet preparations	1947	692	381	24	38	60
2844		1958	721	997	29	45	70
		1966	(NA)	2,431	40	54	(NA)
		1966	(NA)	(NA)	(NA)	(NA)	(NA)
2511	Wood furniture, not upholstered	1947	2,208	899	7	11	19
		1958	2,742	1,311	9	13	22
		1966	(NA)	2,423	12	19	(NA)
2841	Soap and other detergents	1966	6 641	2,396	72	80	(NA)
		1966	(NA)	(NA)	(NA)	(NA)	(NA)
		1966	(NA)	(NA)	(NA)	(NA)	(NA)
2041	Flour mills	1947	1,084	2,527	20	41	57
		1958	703	1,970	38	51	68
		1966	(NA)	2,345	31	47	(NA)
2221	Weaving mills, synthetics	1947	432	1,008	31	39	56
		1958	328	1,231	34	44	62
		1966	(NA)	2,241	40	50	(NA)
2095	Roasted coffee	1966	6 261	2,088	64	70	(NA)
		1966	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld because of change in method of valuation of shipments.

NA Not available. X Not applicable.

¹ Standard Industrial Classification code. ² Comprises, for all manufacturing establishments classified in an industry, (a) value of products "primary" to the industry, (b) value of "secondary" products, which are primary to other industries, (c) "miscellaneous receipts" such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc., and (d) value of resales, i.e., products resold in the same condition as bought. ³ Value added by manufacturer used as basis for computing percentages because value of shipments data (used for ranking) contain substantial duplication. For 1966, value added is adjusted; for prior years, unadjusted. ⁴ For 1947, based on combined figures for following industries: 3311, Blast Furnaces; 3312, Steelworks and Rolling Mills; 2931, Beehive Coke Ovens; and 2932, Byproduct Coke Ovens.

⁵ A number of small establishments was misclassified into this industry affecting the number of companies, but having no appreciable effect on value or percentage of shipments. ⁶ For 1963. ⁷ Value of production. Includes value of primary and secondary products made, miscellaneous receipts such as contract and commission work on materials owned by others, scrap and other salable refuse, and value of products bought and resold in same condition. For 1958, excludes resales. ⁸ Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such.

⁹ For 1947 and 1958, value of production; does not affect significantly comparability with 1966.

Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1963; 1960 Annual Survey of Manufactures* report M-66 (AS)-8, *Value-of-Shipment Concentration Ratios by Industry*; and unpublished data.

No. 1125. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY MAJOR INDUSTRY GROUPS: 1954 TO 1968

[In millions of dollars. 1954 excludes Alaska and Hawaii. Covers establishments in operation and under construction. "N.e.c." means not elsewhere classified]

MAJOR INDUSTRY GROUP	1954 ¹	1955	1960	1963	1965	1966	1967	1968 (prel.)
All industries	8,201	9,514	10,070	11,371	16,605	20,236	21,437	20,896
Food and kindred products	709	1,018	1,042	1,249	1,476	1,692	1,733	1,763
Tobacco manufactures	28	48	47	54	59	58	53	51
Textile mill products	224	212	326	382	618	887	735	711
Apparel and related products	77	90	85	129	168	206	212	267
Lumber and wood products	235	287	320	395	482	485	430	468
Furniture and fixtures	62	82	80	110	151	185	201	287
Paper and allied products	533	634	655	700	1,180	1,422	1,588	1,241
Printing and publishing	237	422	402	464	543	709	783	817
Chemicals and allied products	1,021	1,244	1,283	1,546	2,475	2,899	2,880	2,733
Petroleum and coal products	706	682	485	414	603	660	1,001	1,066
Rubber and plastics products, n.e.c.	174	197	209	343	516	600	680	727
Leather and leather products	29	32	35	35	46	61	60	79
Stone, clay, and glass products	(NA)	439	541	608	773	939	871	737
Primary metal industries	989	1,544	1,614	1,446	2,257	2,768	3,035	3,066
Fabricated metal products	459	484	483	570	805	935	1,111	1,048
Machinery, except electrical	(NA)	700	700	783	1,228	1,658	1,882	1,911
Electrical machinery	(NA)	468	616	702	1,047	1,382	1,562	1,486
Transportation equipment	1,003	630	725	1,022	1,679	2,020	1,814	1,600
Instruments and related products	99	115	170	192	232	307	391	387
Miscellaneous manufacturing	{ (NA)	180	183	{ 131	166	181	199	210
Ordnance and accessories ²				88	94	174	216	221

NA. Not available. ¹ Not strictly comparable with figures for later years due to differences in coverage.

² Includes privately owned and/or operated establishments; excludes government owned and operated.

Source: Dept. of Commerce, Bureau of the Census, *U.S. Census of Manufactures: 1958*, Vol. I; *1963 Census of Manufactures*, Vol. I; *Annual Survey of Manufactures*; and *1967 Census of Manufactures* report MC 67(P)-1.

No. 1126. LARGE MANUFACTURING COMPANIES—CAPITAL APPROPRIATIONS AND EXPENDITURES: 1965 AND 1968

[In millions of dollars. Based on reports submitted by companies responding to *The Conference Board Quarterly Survey of Capital Appropriations*. This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. *Backlog*: Volume of approved capital appropriations unexpended at beginning and end of year, respectively; *Appropriations*: Authorizations by management to spend funds for new plant and equipment; *Expenditures*: Cost of new plant and equipment.]

INDUSTRY AND ITEM	1965	1968		INDUSTRY AND ITEM	1965	1968	
		1957 basis ¹	1967 basis ²			1967 basis ¹	1967 basis ²
All manufacturing companies:				By industries—Continued			
Opening backlog	14,650	20,362	18,928	Primary iron and steel:			
Appropriations	22,284	23,608	24,797	Opening backlog	2,073	3,216	3,078
Canceled	662	992	1,097	Appropriations	2,344	1,982	1,983
Expenditures	17,802	21,561	22,608	Canceled	10	44	40
Closing backlog	18,470	21,412	20,020	Expenditures	1,833	2,212	2,247
By industries:				Closing backlog	2,574	2,942	2,774
Food and beverages:				Electrical machinery and equipment:			
Opening backlog	579	948	976	Opening backlog	592	1,459	1,534
Appropriations	1,128	1,286	1,372	Appropriations	1,372	1,650	1,979
Canceled	57	107	112	Canceled	32	84	96
Expenditures	883	1,138	1,165	Expenditures	909	1,476	1,816
Closing backlog	767	980	1,071	Closing backlog	1,023	1,549	1,601
Paper and allied products:				Machinery, exc. electrical:			
Opening backlog	708	968	1,005	Opening backlog	1,118	1,340	927
Appropriations	1,263	789	843	Appropriations	2,098	2,215	2,306
Canceled	26	16	16	Canceled	11	16	17
Expenditures	829	796	822	Expenditures	1,986	2,219	2,420
Closing backlog	1,176	945	1,070	Closing backlog	1,219	1,320	886
Chemicals and allied prod.:				Motor vehicles and equip.:			
Opening backlog	1,840	2,139	2,446	Opening backlog	1,448	1,232	1,201
Appropriations	2,978	2,370	2,709	Appropriations	2,014	1,930	1,931
Canceled	129	125	131	Canceled	35	45	42
Expenditures	2,380	2,813	2,537	Expenditures	1,808	1,445	1,447
Closing backlog	2,309	2,071	2,487	Closing backlog	1,619	1,672	1,643
Petroleum and coal prod.:				Other manufacturing:			
Opening backlog	2,083	2,850	3,227	Opening backlog	4,149	6,201	4,474
Appropriations	4,156	5,348	5,372	Appropriations	4,931	6,033	6,012
Canceled	242	389	445	Canceled	120	166	198
Expenditures	3,538	4,672	4,888	Expenditures	3,636	5,290	5,266
Closing backlog	2,450	3,146	3,466	Closing backlog	5,324	6,778	5,022

¹ Based on company asset listings as of Dec. 31, 1957.

² Estimated. Based on company asset listings as of Dec. 31, 1967.

Source: National Industrial Conference Board, Inc., New York, N.Y.; *Quarterly Survey of Capital Appropriations: Historical Statistics 1959-1964*, and *Quarterly Survey of Capital Appropriations: Fourth Quarter 1968* and *Third Quarter, 1969* (copyright).

Capital Expenditures—Tobacco Products

711

No. 1127. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT BY STATES: 1960 TO 1967

[In millions of dollars. 1963 and 1967 data based on complete count; other years based on sample and subject to sampling variability. Covers establishments in operation and under construction, except as noted]

STATE	1960	1963	1965	1967	STATE	1960	1963	1965	1967
U.S.	10,098	11,371	16,615	21,652	S.A.—Con.				
N.E.	618	639	856	1,229	W. Va.	126	173	199	269
Maine	55	62	113	116	N.C.	240	314	512	663
N.H.	26	30	40	76	S.C.	144	180	238	401
Vt.	14	16	36	35	Ga.	173	202	308	426
Mass.	289	273	343	494	Fla.	153	191	298	310
R.I.	36	43	54	75	E.S.C.	570	747	1,103	1,419
Conn.	198	215	270	433	Ky.	114	224	224	340
M.A.	2,056	2,086	2,791	3,817	Tenn.	213	245	390	422
N.Y.	742	734	1,098	1,331	Ala.	202	147	372	381
N.J.	473	525	618	854	Miss.	41	131	117	277
Pa.	842	778	1,075	1,633	W.S.C.	790	915	1,521	2,431
E.N.C.	3,007	3,221	5,337	6,134	Ark.	70	73	104	175
Ohio	803	848	1,332	1,703	La.	139	211	344	742
Ind.	549	555	1,050	1,082	Okla.	66	64	67	81
Ill.	719	776	1,148	1,505	Tex.	515	567	1,006	1,432
Mich.	656	762	1,453	1,369	Mt.	220	247	314	432
Wis.	277	281	354	509	Mont.	18	39	31	69
W.N.C.	518	665	797	1,061	Idaho	37	28	81	59
Minn.	117	169	160	235	Wyo.	11	14	9	8
Iowa	138	127	184	231	Colo.	60	68	86	101
Mo.	160	211	278	351	N. Mex.	19	10	13	11
N. Dak.	2	8	11	6	Ariz.	35	49	52	110
S. Dak.	8	7	11	8	Utah	34	30	25	59
Nebr.	34	46	57	73	Nev.	5	9	17	15
Kans.	59	106	95	156	Pac.	1,103	1,290	1,685	2,297
S.A.	1,214	1,570	2,236	2,832	Wash.	144	143	243	466
Del.	82	89	70	116	Oreg.	120	132	231	234
Md.	179	176	225	266	Calif.	775	985	1,181	1,657
D.C.	22	13	13	17	Alaska	4	15	13	15
Va.	143	232	328	365	Hawaii	61	15	17	26

¹ U.S. totals based on industry rather than State detail; therefore, breakdown will not add to total.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958 and 1963*, Vol. I; 1967 Census of Manufactures preliminary report, *General Statistics for Geographic Divisions and States*; and *Annual Survey of Manufactures*.

No. 1128. TOBACCO PRODUCTS—PRODUCTION AND CONSUMPTION: 1950 TO 1969

[Beginning 1960, production data are for years ending June 30. Excludes cigars produced in customs bonded manufacturing warehouses. Underlying data on unstemmed weights of tobacco used for tobacco products are from Dept. of Agriculture and Internal Revenue Service; underlying data on units of cigarettes and cigars and on product weight of smoking and chewing tobacco and snuff are mainly from Internal Revenue Service]

ITEM	1950	1955	1960	1965	1967	1968	1969
PRODUCTION							
Cigarettes ¹ millions	391,956	412,309	506,127	562,308	572,790	750,747	573,001
Cigars ¹ millions	5,468	5,834	6,937	8,888	7,803	7,656	7,500
Tobacco ² 1,000 lb.	235,189	199,120	176,059	169,409	158,292	160,175	157,176
PER CAPITA CONSUMPTION ³							
All products ⁴ pounds ⁵	12.29	11.99	11.82	11.51	10.80	10.59	10.10
Cigarettes..... number	3,522	3,597	4,171	4,259	4,280	4,186	3,993
Weight..... pounds ⁵	0.54	0.49	0.64	0.37	0.85	0.69	0.20
Cigars ⁶ number	53	55	61	70	68	61	60
Weight..... pounds ⁵	1.25	1.28	1.18	1.24	1.10	1.05	1.05
Tobacco ² pounds ⁵	1.50	1.22	0.99	0.88	0.83	0.83	0.83

¹ Large and small. Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

² Smoking and chewing tobaccos and snuff. Source: Dept. of Agriculture, Food and Nutrition Service; quarterly report, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco*.

³ Based on Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. 1960 data preliminary.

⁴ Includes small cigars (weighing not more than 3 pounds per 1,000), not shown separately.

⁵ Unstemmed processing weight equivalent.

⁶ Weighing more than 3 pounds per 1,000; includes cigarillos.

Source: Dept. of Agriculture, Economic Research Service; *Tobacco Situation*, and unpublished data, except as noted.

Manufactures

No. 1129. ALCOHOLIC BEVERAGES—PRODUCTION, STOCKS, AND PER CAPITA CONSUMPTION: 1950 TO 1969

[For years ending June 30. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1957*, series P 192, for production of fermented malt liquor]

CLASS	UNIT	1950	1955	1960	1965	1968	1969
Beer:							
Breweries operated.....	Number.....	407	202	229	167	163	155
Production.....	1,000 bbl. ¹	88,807	89,791	94,548	108,015	117,524	122,657
Tax-paid withdrawals.....	1,000 bbl. ¹	83,512	84,457	88,929	100,307	107,470	111,867
Stocks on hand, June 30.....	1,000 bbl. ¹	10,982	11,827	11,458	12,505	13,308	13,568
Annual per capita consumption ²	Gallons.....	24.99	23.88	24.02	25.46	25.88	26.60
Domestic.....	Gallons.....	24.97	23.83	23.91	25.29	25.72	26.42
Imported.....	Gallons.....	0.02	0.05	0.11	0.17	0.16	0.18
Distilled spirits:							
Production facilities operated ³	Number.....	229	201	178	153	137	138
Warehouses operated ⁴	Number.....	309	278	241	268	277	278
Production, total ⁵	1,000 tax gal. ^{7,8}	208,235	182,142	285,027	206,599	235,388	254,004
Whiskey ⁹	1,000 tax gal. ^{7,8}	118,760	103,927	148,545	117,930	146,702	170,944
Tax-paid withdrawals, total ⁹	1,000 tax gal. ^{7,8}	144,124	153,122	177,962	204,652	227,703	240,343
Whiskey.....	1,000 tax gal. ^{7,8}	60,499	74,366	88,589	59,773	96,863	100,321
Stocks on hand June 30, total ⁶	1,000 tax gal. ^{7,8}	708,562	841,496	931,509	999,794	1,003,460	1,085,082
Whiskey.....	1,000 tax gal. ^{7,8}	643,280	715,861	813,720	841,099	888,106	933,746
Bottled for consumption, total.....	1,000 wine gal. ¹⁰	161,117	172,304	203,963	244,468	284,543	300,537
Whiskey.....	1,000 wine gal. ¹⁰	139,653	139,004	146,916	161,385	182,180	188,961
Annual per capita consumption ²	Tax gal. ⁷	1.48	1.53	1.87	2.13	2.37	2.48
Domestic.....	Tax gal. ⁷	1.33	1.38	1.54	1.66	1.76	1.82
Imported.....	Tax gal. ⁷	0.15	0.22	0.33	0.47	0.61	0.66
Still wines:							
Production ¹¹	1,000 wine gal. ¹⁰	297,857	380,229	511,295	565,055	580,297	611,535
Tax-paid withdrawals ¹²	1,000 wine gal. ¹⁰	135,581	136,279	147,554	162,889	178,440	188,955
Stocks on hand, June 30 ^{13,14}	1,000 wine gal. ¹⁰	128,433	128,475	142,575	157,010	187,633	180,778
Annual per capita consumption ²	Wine gal. ¹⁰	1.33	1.28	1.36	1.44	1.51	1.59
Domestic.....	Wine gal. ¹⁰	1.30	1.23	1.28	1.32	1.38	1.44
Imported.....	Wine gal. ¹⁰	0.03	0.05	0.08	0.12	0.13	0.16
Effervescent wines: ¹⁴							
Production.....	1,000 wine gal. ¹⁰	1,061	1,716	4,113	6,358	11,282	13,038
Tax-paid withdrawals.....	1,000 wine gal. ¹⁰	1,047	1,661	3,296	5,731	9,405	11,267
Stocks on hand, June 30.....	1,000 wine gal. ¹⁰	1,619	1,401	2,712	3,616	5,903	6,560
Annual per capita consumption ²	Wine gal. ¹⁰	0.01	0.02	0.04	0.06	0.09	0.10
Domestic.....	Wine gal. ¹⁰	0.01	0.01	0.03	0.05	0.07	0.08
Imported.....	Wine gal. ¹⁰	(2)	0.01	0.01	0.01	0.02	0.02

² Less than 0.01 percent. ¹ Barrels of 31 wine gallons (see footnote 10).

² Based on Bureau of the Census estimated population 18 years old and over, as of January 1, including Armed Forces abroad. Prior to 1960, excludes Alaska and Hawaii. Source: Dept. of Commerce, Business and Defense Services Administration.

³ Prior to 1960, represents registered distilleries, fruit distilleries, and industrial alcohol plants. In some instances a plant was operated at different times in more than one of these categories and was counted in each.

⁴ Prior to 1960, represents internal revenue bonded warehouses and industrial alcohol bonded warehouses.

⁵ Prior to 1960, net production obtained by deducting total products used in redistillation from gross production of neutral product (spirits); thereafter, each kind of distilled spirits used in redistillation was deducted from gross production of same kind. ⁶ Excludes alcohol produced for industrial use.

⁷ A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof, to the wine gallon. (See footnotes 8 and 10.) ⁸ A proof gallon is the alcoholic equivalent of a U.S. gallon at 60° F., containing 50 percent of ethyl alcohol by volume. ⁹ Includes ethyl alcohol.

¹⁰ A wine gallon is the U.S. gallon, equivalent to the volume of 231 cubic inches.

¹¹ Production represents total amount removed from fermenters, including distilling material, and beginning 1969, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1969, 368,067,164 gallons of distilling materials were produced.

¹² Includes special natural wines. ¹³ Excludes distilling materials.

¹⁴ Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Treasury Dept., Internal Revenue Service (except as noted); annual report, *Alcohol and Tobacco Summary Statistics*.

No. 1130. DENATURED ALCOHOL: 1950 TO 1969

[For years ending June 30. Excludes Alaska; includes Puerto Rico]

ITEM	1950	1955	1960	1965	1968	1969
Alcohol produced ¹	1,000 proof gal.....	313,535	411,840	518,724	658,641	670,071
Denaturing facilities operated.....	46	46	38	46	48	50
Specially denatured alcohol:						
Dealers operating.....	35	35	43	43	47	44
Users operating.....	4,176	3,930	3,599	3,664	3,418	3,270
Ethyl alcohol used for denaturation ²	1,000 proof gal.....	322,837	395,334	520,512	580,137	542,590
Denatured alcohol produced, total.....	1,000 wine gal.....	174,674	213,229	270,726	311,778	202,926
Completely denatured.....	1,000 wine gal.....	4,414	575	679	2,195	2,022
Partially denatured.....	1,000 wine gal.....	170,260	212,654	279,047	309,583	200,904
Specially denatured.....	1,000 wine gal.....					

¹ Represents alcohol and spirits, 100 proof and over, produced at distilled spirits plants.

² Represents all products (except rum) used for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits.

Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

Cotton and Other Fibers

713

No. 1131. MILL CONSUMPTION OF NATURAL AND MAN-MADE FIBERS: 1930 TO 1969

[Totals in millions of pounds, per capita in pounds. Prior to 1960, excludes Alaska and Hawaii. Per capita figures based on Bureau of the Census population estimates as of July 1, including Armed Forces abroad]

YEAR	COTTON ¹		WOOL (scoured basis) ²		MAN-MADE FIBERS				FLAX ⁴		SILK ⁵	
			Rayon and acetate ³		Non-cellulosic ³							
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1930.....	2,617	21.3	263	2.1	110	1.0	-	-	18	0.13	81	0.65
1935.....	2,755	21.7	418	3.3	274	2.2	-	-	13	0.10	72	0.57
1940.....	3,959	30.0	408	3.1	494	3.7	4	(Z)	12	0.09	48	0.36
1945.....	4,516	32.3	645	4.6	795	5.7	50	0.4	7	0.05	1	0.01
1950.....	4,683	30.9	635	4.2	1,375	9.1	144	1.0	11	0.07	11	0.07
1955.....	4,882	26.5	414	2.5	1,455	8.8	448	2.7	8	0.05	11	0.07
1960.....	4,191	23.2	411	2.3	1,082	6.0	796	4.4	5	0.03	7	0.04
1965.....	4,477	23.0	387	2.0	1,593	8.2	2,017	10.4	8	0.04	6	0.03
1966.....	4,631	23.5	370	1.9	1,623	9.6	2,369	12.0	10	0.05	5	0.02
1967.....	4,423	22.2	313	1.6	1,520	7.6	2,716	13.6	8	0.04	3	0.01
1968.....	4,147	20.6	330	1.6	1,711	8.5	3,585	17.8	8	0.04	4	0.02
1969(prel.)....	3,926	19.3	314	1.5	1,624	8.0	3,913	19.3	5	0.02	2	0.01

- Represents zero. Z Less than 0.05.

¹ Reported by Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board deducted. For foreign cotton, 15 pounds deducted (20 pounds beginning August 1969).

² Reported by Bureau of the Census. Beginning 1950, excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

³ From *Textile Organon*. Represents domestic shipments plus imports for consumption. Includes textile glass-fiber. Beginning 1956, includes producers waste consumed at mills.

⁴ Through 1950, represents imports for consumption reported by Bureau of the Census plus estimated production reported by (a) Bureau of Plant Industry through 1945 and (b) Portland, Oreg., Office of Agricultural Marketing Service for 1950; beginning 1955, imports for consumption reported by Bureau of the Census.

⁵ Compiled from reports of Bureau of the Census. For 1930, general imports less reexports; beginning 1935, imports for consumption.

Source: Dept. of Agriculture, Economic Research Service; unpublished data. (Through 1950, in Dept. of Commerce, Business and Defense Services Administration; *Wool and Man-Made Fibers in the United States*.)

No. 1132. COTTON—SPINDLES, CONSUMPTION, AND STOCKS: 1930 TO 1969

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton for all years which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1957*, series P 197, for total cotton consumed including linters.]

YEAR	COTTON-SYSTEM SPINDLES (1,000)				Spindle hours consuming 100% cotton (billions)	COTTON CONSUMED, EXCLUDING LINTERS ¹ (1,000 bales)			STOCKS AT END OF YEAR ¹ (1,000 bales)			Linters		
	Total in place ¹	Active ²				Total	Cotton-growing States	Other States	Total	Do- mestic	For- eign			
		Total	Cotton-growing States	Other States										
1930.....	34,025	31,245	18,586	12,659	88	6,108	4,740	1,357	6,528	6,457	71	239		
1935.....	30,003	26,701	18,212	8,489	73	5,361	4,306	1,055	4,060	3,851	206	187		
1940.....	24,750	23,586	17,641	5,945	97	7,784	6,647	1,137	10,094	9,909	96	400		
1945.....	28,128	22,675	17,610	5,005	112	9,508	8,455	1,113	10,330	10,215	124	247		
1950.....	22,995	21,790	17,673	4,117	109	8,851	8,030	827	6,496	6,399	97	208		
1955.....	22,273	20,716	18,230	2,486	113	8,841	8,358	484	10,985	10,920	65	148		
1960.....	19,956	19,221	17,801	1,420	113	9,017	8,670	346	7,344	7,307	37	305		
1965.....	19,882	18,787	18,114	643	102	9,171	8,968	203	14,061	13,994	67	463		
1966.....	19,722	19,817	18,673	644	103	9,407	9,288	209	16,674	16,612	62	430		
1967.....	20,519	19,767	19,245	522	99	9,485	9,277	205	12,133	12,075	58	411		
1968.....	20,590	20,223	19,703	520	92	8,982	8,804	178	6,148	6,102	46	365		
1969.....	20,350	19,851	19,383	408	81	8,242	8,086	156	6,121	6,089	32	431		

¹ Prior to 1950, represents all spindles in place used exclusively for spinning cotton; thereafter, represents all spindles in place regardless of fiber spun.

² Prior to 1950, represents sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated; thereafter, comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On Aug. 2, 1969, there were 12,888,000 spindles active on cotton, 6,993,000 on synthetics and other fibers and blends, and 499,000 idle.

³ Includes foreign and domestic cotton.

⁴ Cotton stocks prior to 1940 and linters stocks for all years are stocks held by consuming establishments. Beginning 1940, cotton stocks include stocks at public storage and compresses.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*, and *Current Industrial Reports*, Series M22P.

No. 1133. TIRE CORD AND FABRICS—PRODUCTION, BY KIND: 1950 TO 1969

(In millions of pounds. Excludes Alaska and Hawaii)

PRODUCT	1950	1955	1960	1965	1966	1967	1968	1969 (prel.)
Tire cord and fabrics.....	523	524	417	496	526	472	574	600
Man-made fibers.....	297	456	387	487	519	467	569	596
Rayon tire cord and tire cord fabric.....	297	{ 407	240	213	187	120	155	122
Nylon tire cord and tire cord fabric.....		{ 49	139	{ 260	315	332	400	{ 278
Polyester tire cord and tire cord fabric.....	-	-	-	{ 9	13	16	9	{ 166
Chafer fabric and all other tire fabrics.....	(1)	(1)	9	13	8	4	14	40
Cotton ¹	226	68	30	9	8	4	5	4

¹ Represents zero. ² Man-made fiber chafer fabric and all other tire fabrics included with cotton chafer fabric and all other tire fabrics. ³ Beginning 1967, excludes cotton chafer fabrics.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MQ22T.4.

No. 1134. WOOL—PRODUCTION, PRICE, AND SUPPLY: 1951 TO 1969

(In thousands of pounds, except as indicated. Prior to 1968, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 240-241, for shorn production and price)

ITEM	1951- 1955, average	1956- 1960, average	1961- 1965, average	1960	1965	1967	1968	1969 (prel.)
Stocks of apparel wool, Jan. 1 ¹	(NA)	(NA)	80,380	100,739	72,891	88,252	79,886	88,304
Sheep and lambs shorn.....1,000 ²	27,817	20,623	27,048	31,081	23,756	22,022	20,761	19,657
Weight per fleece.....pounds.....	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
Shorn wool prod. (grease basis).....	234,150	250,082	230,408	205,277	201,463	188,919	177,591	165,825
Price per pound ³.....cents.....	3 00.4	43.9	47.9	42.0	47.1	39.8	40.5	41.8
Pulled wool production (actual).....	37,360	34,520	28,320	33,600	23,300	22,400	20,600	17,100
Total wool prod. (grease basis).....	271,510	284,602	258,728	298,877	224,763	211,319	198,091	182,925
Wool, clean basis:								
Total production.....	131,046	136,457	130,550	151,031	113,084	106,444	99,666	91,565
Imports of dutiable wool ⁴	180,567	84,780	117,269	74,260	102,637	109,071	129,737	98,523
Exports of apparel wool ⁵	513	1,650	270	60	617	102	543	106
Total new supply ⁶	311,102	219,687	247,549	225,237	275,104	215,403	228,900	184,892
Imports of duty free wool ⁴	114,898	146,436	138,326	153,904	108,043	78,205	110,626	95,604

¹ NA. Not available. ² Scoured basis.³ Weighted season average price received by farmers. 1951-62, April-March marketing season; 1963, April-December; 1965-1969, calendar year.⁴ Includes an allowance for wool under loan.⁵ Imports for consumption. Dutiable imports include all apparel wool and duty-free imports include all carpet wool.⁶ Prior to 1952, reported on an actual weight basis only. Beginning 1961, includes carpet wool.⁶ Production minus exports, plus imports; stocks not taken into consideration.Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*. Exports and imports from Dept. of Commerce, Bureau of the Census.

No. 1135. WOOL—MANUFACTURING MACHINERY AND CONSUMPTION: 1950 TO 1968

(Machinery in place as of end of year, except as noted. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 198, for wool consumed in manufacturing)

YEAR	MACHINERY IN PLACE ¹					CONSUMED IN MANUFACTURING ² (mill. lb.)		
	Worsted combs	Spinning spindles		Looms		Total ³	Apparel class ⁴	Carpet class
		Woolen	Worsted	Woolen and worsted	Carpet and rug			
1950.....	2,808	1,308,139	1,814,430	36,337	4,804	634.8	436.9	107.9
1955.....	2,092	817,264	925,736	21,734	(NA)	413.8	281.2	132.6
1968.....	1,558	728,323	712,698	17,300	3,234	331.1	212.0	119.1
1960.....	1,498	696,525	654,480	16,058	(NA)	411.0	246.4	164.6
1964.....	1,584	530,169	692,991	13,061	2,050	356.7	233.9	122.7
1965.....	1,500	520,270	718,026	12,784	1,695	387.0	274.7	112.3
1966.....	1,543	503,163	718,295	(NA)	1,592	370.2	266.6	103.6
1967.....	1,425	478,775	707,960	(NA)	1,637	312.5	228.7	83.9
1968.....	1,393	476,897	717,080	8,762	1,516	320.7	238.3	91.4

¹ NA. Not available. ² Machinery set up in operating position.² Scoured wool, plus greasy wool reduced to scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.³ Wool regarded as suitable for apparel purposes; formerly "Combing and clothing."⁴ Beginning 1950, includes raw wool consumed on woolen and worsted systems only.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M22D, Series MA-22E, Series MQ22T, and Series MA-22Q.

No. 1186. BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1950 TO 1969

[In millions of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Excludes Alaska and Hawaii. Fabrics composed of a mixture of fibers classified according to primary fiber content, except as noted]

PRODUCT	1950	1955	1960	1965	1967	1968	1969 (prel.)
Total goods.....	13,105	13,119	12,056	13,432	12,756	12,987	12,608
Cotton woven goods over 12 inches in width, except tire fabrics.....	10,027	10,175	9,366	9,238	8,278	7,477	6,976
Cotton duck.....	249	242	206	248	278	271	271
Sheeting and allied coarse and medium yarn fabrics.....	2,737	2,687	2,482	2,685	2,545	2,169	1,976
Print cloth yarn fabrics.....	3,663	3,908	3,320	3,120	2,872	2,778	2,755
Napped fabrics.....	413	241	202	176	152	143	140
Colored yarn fabrics.....	860	690	449	470	381	326	310
Fine cotton goods (all combed, part-combed, and fine carded goods).....	1,218	1,379	1,706	1,405	945	717	476
Towels, toweling, washcloths, and terrywoven fabrics other than towels.....	454	502	548	713	624	620	590
Specialties and all other fabrics.....	433	557	452	463	482	452	440
Manmade fiber fabrics.....	(1)	(1)	(1)	3,926	4,239	5,267	5,404
100 percent filament yarn fabrics.....	(1)	(1)	(1)	1,641	1,620	1,849	1,692
Chiefly rayon and/or acetate fabrics.....	(1)	(1)	(1)	850	754	790	776
Chiefly nylon fabrics.....	(1)	(1)	(1)	304	324	(D)	(D)
All other filament yarn fabrics.....	(1)	(1)	(1)	481	542	(D)	(D)
100 percent spun yarn fabrics, except blanketeting.....	(1)	(1)	(1)	1,535	1,989	2,733	2,959
100 percent rayon and/or acetate fabrics ²	(1)	(1)	(1)	643	600	678	633
Polyester blends with cotton.....	(1)	(1)	(1)	714	1,185	1,747	1,891
All other spun yarn fabrics.....	(1)	(1)	(1)	178	204	309	435
Combinations and mixtures of filament and spun yarn fabrics.....	(1)	(1)	(1)	519	412	468	517
Blanketing, silk, paper, and other specialty fabrics.....	(1)	(1)	(1)	232	217	227	236
Woolen and worsted, except woven felts³.....	471	318	286	267	239	243	228
Apparel fabrics.....	391	298	281	268	227	236	220
Government orders.....	(NA)	(NA)	3	5	10	6	7
Men's and boys' clothing.....	(NA)	(NA)	115	95	67	90	83
Women's and children's clothing.....	(NA)	(NA)	163	163	160	140	130
Nonapparel fabrics.....	80	20	6	9	12	7	8

D Withheld to avoid disclosing figures for individual companies. NA Not available.

¹ Not available on comparable basis due to change in fabric classification. ² Includes rayon and/or acetate blends from other fibers. ³ For 1960, comprises all fabrics containing more than 25 percent wool; thereafter fabrics containing 50 percent or more wool.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MQ-22T.

No. 1187. BLEACHED, DYED, OR PRINTED GOODS—PRODUCTION, BY TYPE: 1950 TO 1968

[In millions of linear yards. Excludes Alaska and Hawaii. Fabrics are classified by chief fiber content]

PRODUCT	1950	1955	1960	1965	1966	1967	1968 (prel.)
Bleached, dyed, or printed goods.....	9,329	10,502	9,559	10,998	11,999	10,676	10,844
Cotton.....	7,063	8,144	7,440	7,710	7,432	6,892	6,675
Manmade fiber fabrics and silk ²	2,266	2,358	2,119	3,288	3,567	3,788	4,269
Bleached and white finished goods.....	3,467	3,668	3,461	(3)	(3)	(3)	(3)
Cotton.....	3,290	3,346	3,158	3,514	3,461	3,245	3,080
Manmade fiber fabrics and silk ²	170	321	303	(3)	(3)	(3)	(3)
Plain dyed and finished goods.....	3,950	4,320	4,030	(3)	(3)	(3)	(3)
Cotton.....	2,166	2,671	2,516	2,722	2,586	2,355	2,156
Manmade fiber fabrics and silk ²	1,784	1,648	1,514	(3)	(3)	(3)	(3)
Printed and finished goods ⁴	1,912	2,514	2,068	1,912	1,984	1,938	1,971
Cotton.....	1,601	2,126	1,768	1,474	1,435	1,293	1,340
Manmade fiber fabrics and silk ²	311	389	302	438	549	645	631

¹ Excludes finished fabrics not bleached, dyed, or printed at reporting establishment (flameproofed, sanforized, mildew-proofed, mercerized, embossed, flocked, moire, plisse, schreinerized, etc.) which were reported as 126 million finished linear yards of cotton fabric for 1967 and 128 million for 1968; 60 million finished linear yards of manmade fabrics for 1967 and 68 million for 1968.

² Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc. ³ Separate data for bleached and plain dyed manmade fibers not collected. For 1965 through 1968, respectively, combined totals, in millions of linear yards, were 9,076, 9,015, 8,738, and 8,873, of which synthetics represented 2,840, 3,017, 3,188, and 3,638.

⁴ Includes roller, screen, and block printed fabrics; excludes printed towels, tablecloths, etc., flock, plisse, moire, or embossed.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-22S.

No. 1138. KNIT CLOTH AND OUTERWEAR—PRODUCTION, BY TYPE: 1950 TO 1968

[Prior to 1960, excludes Alaska and Hawaii]

PRODUCT	UNIT	1950	1955	1960	1965	1966	1967	1968 (prel.)
Finished knit cloth for sale ¹	Million lb.	162.8	181.9	247.7	450.1	2 558.6	2 682.9	2 786.7
Warp knit fabrics	Million lb.	47.2	54.9	81.5	103.8	207.7	300.9	333.4
Circular knit fabrics	Million lb.	116.6	127.0	166.2	286.3	350.9	382.0	453.3
Knit outerwear:								
Sweaters, jackets, and jerseys	1,000 dozen	8,733	10,119	12,003	14,697	14,496	13,211	13,805
Sport shirts	1,000 dozen	(NA)	(NA)	22,142	22,840	23,713	22,559	27,713

¹ NA. Not available. ¹ Represents shipments.² Includes interplant transfers. Data account for approximately 5 percent of the warp knit fabrics and 10 percent of the circular knit fabrics.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MQ-22K and MA-23A.

No. 1139. WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS CUT: 1950 TO 1969

[Prior to 1960, excludes Alaska and Hawaii]

TYPE OF GARMENT	UNIT	1950	1955	1960	1965	1967	1968	1969 (prel.)
Blouses	1,000 dozen	10,764	14,880	15,571	18,072	14,527	15,293	14,457
Unit-priced dresses	1,000 units	139,607	150,445	155,374	178,206	176,832	170,714	154,294
Dozen-priced dresses	1,000 dozen	9,097	9,162	8,186	8,648	8,780	8,980	8,412
Suits	1,000 units	18,048	13,638	9,410	11,889	11,434	2 11,304	5,086
Skirts	1,000 units	4,754	6,575	8,338	8,876	8,469	8,168	7,694
Untrimmed coats	1,000 units	22,593	22,526	21,012	19,135	16,660	1 16,443	
Fur-trimmed coats	1,000 units	2,105	1,409	2,532	6,139	5,670	5,149	19,859

¹ Partially estimated. ² Includes knit suits.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-23A and M23H.

No. 1140. MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1950 TO 1969

[Prior to 1960, excludes Alaska and Hawaii]

TYPE OF GARMENT	UNIT	1950	1955	1960	1965	1967	1968	1969 (prel.)
Suits	1,000 units	27,145	28,857	26,419	28,445	24,360	25,615	(NA)
Men's	1,000 units	28,695	20,280	21,316	21,855	10,489	20,564	20,829
Boys'	1,000 units	3,450	3,577	5,103	6,590	4,878	2 5,051	(NA)
Separate trousers ³	1,000 units	65,810	67,355	100,335	142,348	146,001	165,104	104,360
Separate coats	1,000 units	8,855	10,234	14,203	16,327	17,466	18,930	(NA)
Men's and youths'	1,000 units	7,039	7,032	10,237	12,201	13,168	14,237	14,136
Boys'	1,000 units	1,816	2,302	3,960	4,036	4,288	4,693	(NA)
Woven dress and sportshirts, men's	1,000 dozen	18,100	21,757	23,208	28,211	22,835	21,771	23,302
Overalls	1,000 dozen	9,824	9,763	7,510	10,598	13,030	12,154	(NA)
Men's	1,000 dozen	6,100	4,854	2,905	4,862	7,434	7,173	8,472
Boys'	1,000 dozen	3,724	4,898	4,554	5,736	5,506	4,981	(NA)
Work shirts (includes flannel)	1,000 dozen	5,796	6,067	3,763	4,029	4,695	4,588	(NA)
Men's	1,000 dozen	5,471	4,657	3,696	3,906	4,574	4,470	3,691
Boys'	1,000 dozen	325	610	67	123	121	298	(NA)

¹ NA. Not available. ² Beginning 1967, includes uniform suits and coats.³ Beginning 1965, men's only.² Partially estimated.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-23A and M23B.

No. 1141. HOSIERY—PRODUCTION, BY TYPE: 1950 TO 1969

[In thousands of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1950	1955	1960	1965	1966	1967	1968	1969
All types.....	160,046	151,911	154,865	198,244	218,137	230,309	220,285	241,231
Women's and misses' (full- and knee-length).....	59,033	59,905	64,875	92,923	105,048	119,159	121,463	126,784
Seamless.....	7,440	12,655	36,140	87,977	101,486	116,806	103,037	68,019
Full-fashioned.....	51,584	47,250	28,735	4,346	2,887	1,346	691	374
Textured, patterned, and casual.....	(NA)	(NA)	(NA)	(NA)	695	1,007	842	(NA)
Panty hose.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16,893	58,391
Men's.....	163,181	156,503	51,184	51,585	54,949	54,412	50,127	57,174
Half-hose.....	21,115	14,689	12,217	5,473	5,105	5,523	5,648	5,266
Slack socks and anklets ¹	36,630	37,590	31,716	29,087	30,780	26,628	19,201	48,115
Knee-length.....	(NA)	(NA)	(NA)	2,635	3,806	3,794	3,290	3,793
Boys', infants', and children's and misses.....	137,832	135,503	38,806	54,336	358,140	356,738	348,695	357,273

^{NA} Not available. ¹ Boys' and women's and misses' crew socks included with "Men's".² Includes foot socks and crew and athletic socks. ³ Includes knee-length.⁴ Includes 20,627,000 dozens of pairs of infants' and children's (sizes 3-8½) and 36,646,000 dozens of pairs of girls', boys', and women's.Source: National Association of Hosiery Manufacturers, Charlotte, N.C.; annual report, *Hosiery Statistics*. (Copyright.)

No. 1142. SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1950 TO 1969

[In thousands of pairs. Excludes Alaska and, prior to 1965, Hawaii, except as noted. Excludes rubber footwear]

CLASS	1950	1955	1960	1965	1967	1968	1969 (prcl.)
Shoes and slippers.....	522,532	585,369	1,600,489	626,229	599,984	642,427	580,857
Footwear, except slippers.....	464,506	517,300	526,574	535,998	504,344	536,990	471,792
Shoes, sandals, and playshoes.....	456,611	509,207	514,053	526,190	495,380	520,580	461,627
Men's.....	103,361	103,661	100,578	118,195	123,720	126,250	120,072
Youths' and boys'.....	16,721	22,097	24,128	25,680	25,341	28,530	23,582
Women's.....	236,050	270,908	270,822	270,050	267,991	283,700	234,884
Misses'.....	32,706	40,755	40,234	36,470	27,592	32,950	28,721
Children's.....	29,173	33,784	32,654	33,453	30,745	31,418	27,814
Infants' and babies'.....	38,601	38,002	36,637	32,542	29,991	28,693	25,704
Athletic shoes.....	3,644	4,723	7,008	6,987	6,049	8,331	8,423
Other footwear.....	4,261	3,370	5,513	2,841	2,015	2,079	1,742
Slippers for housewear.....	58,026	68,069	73,467	90,231	95,620	105,437	109,065

¹ Includes production for Hawaii, not distributed by class.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M31A.

No. 1143. LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1940 TO 1969

[In thousands. Excludes Alaska and Hawaii]

YEAR	Cattle hide ¹	Calf and whole kip	Goat and kid	Sheep and lamb ²	YEAR	Cattle hide ¹	Calf and whole kip	Goat and kid	Sheep and lamb ²
1940.....	21,070	11,387	37,697	37,920	1959.....	23,167	6,573	22,797	32,054
1945.....	27,566	11,636	24,026	52,450	1960.....	21,980	6,332	18,835	30,478
1950.....	24,383	10,659	37,203	31,397	1961.....	22,736	6,391	14,865	31,891
1951.....	22,703	7,955	31,111	24,504	1962.....	22,523	5,981	14,213	30,321
1952.....	22,094	9,960	30,418	27,002	1963.....	21,654	5,596	14,182	34,374
1953.....	24,070	9,958	32,154	28,264	1964.....	22,834	6,535	12,874	31,548
1954.....	24,210	9,366	26,496	23,706	1965.....	23,436	6,283	14,557	30,316
1955.....	25,882	10,393	26,109	26,434	1966.....	23,830	4,720	13,372	29,302
1956.....	25,908	8,540	25,103	27,241	1967.....	23,394	4,008	8,456	28,375
1957.....	25,511	9,217	22,336	25,565	1968.....	24,033	4,247	8,764	31,413
1958.....	23,818	8,069	19,992	27,453	1969.....	22,030	3,381	5,886	26,242

¹ Beginning 1954, includes side kip.² Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).Source: Tanners' Council of America, Inc., New York, N.Y. Monthly data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

Manufactures

No. 1144. RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1969

[In thousands of long tons. Prior to 1965, excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content, beginning 1955), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1965, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1955	1960	1965	1966	1967	1968	1969
New supply	1,210	1,618	1,946	2,150	2,581	2,725	2,653	2,994	3,156
Domestic production	1,064	789	1,296	1,720	2,094	2,247	2,156	2,388	2,489
Reclaimed	243	313	298	280	277	244	257	257	239
Synthetic	920	476	970	1,436	1,813	1,970	1,912	2,131	2,250
Imports	146	829	649	420	487	478	497	606	667
Natural	135	802	638	411	445	432	454	541	586
Reclaimed	(Z)	1	1	(Z)	1	1	2	4	2
Synthetic	10	26	11	9	40	45	41	61	79
Distribution	1,144	1,590	1,961	2,203	2,657	2,848	2,710	3,070	3,118
Domestic consumption	1,040	1,662	1,842	1,835	2,326	2,477	2,356	2,728	2,854
Natural	105	720	635	479	515	546	489	582	598
Reclaimed	241	304	313	277	270	265	239	250	232
Synthetic	604	538	895	1,079	1,540	1,686	1,628	1,896	2,024
Exports	104	28	118	368	331	371	354	344	264
Natural	7	9	11	12	37	50	41	41	23
Reclaimed	13	12	14	14	11	12	10	10	9
Synthetic	34	8	94	342	282	309	303	293	232
Stocks, end of year ¹	350	178	279	359	442	473	510	506	576
Natural	119	89	110	77	100	92	112	108	106
Reclaimed	28	36	31	33	30	32	28	30	29
Synthetic	203	53	138	249	312	349	370	368	441
Deliveries from Government stockpiles, natural	-	-	-	89	120	155	97	79	35

- Represents zero. Z Less than 500 long tons.

¹ Differences between "New supply" and "Distribution" not precisely comparable with "Stocks" due to year-end and inventory adjustments. ² Includes stocks shipped for export which had not yet cleared port.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M30A.

No. 1145. SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1960, 1965, AND 1968

(Production and sales in millions of pounds; sales value in millions of dollars. Excludes Alaska and Hawaii)

GROUP	1960			1965			1968		
	Production	Sales	Sales value	Production	Sales	Sales value	Production	Sales	Sales value
Synthetic organic chemicals	63,952	28,760	6,662	88,864	46,807	9,021	120,368	64,578	11,516
Cyclic	17,818	10,735	3,237	28,229	16,499	3,855	39,406	22,265	5,088
Intermediates	9,602	3,964	622	16,865	7,551	814	25,014	11,328	1,131
Dyes	156	148	192	207	190	292	226	215	370
Synthetic organic pigments	40	38	64	48	38	94	54	46	120
Medicinal chemicals	77	55	521	100	72	321	113	77	384
Flavor and perfume materials	33	26	37	53	45	57	60	50	52
Plastics and resin materials	2,716	2,228	628	4,453	3,690	674	5,899	4,902	1,121
Rubber-processing chemicals	170	130	85	211	186	109	264	190	138
Elastomers (synthetic rubbers)	2,283	1,949	469	2,300	1,898	443	2,563	2,017	479
Plasticizers	445	384	103	799	765	133	985	918	178
Surface-active agents	977	927	147	1,371	877	98	1,500	887	103
Pesticides and related prod.	625	455	203	688	582	378	930	723	697
Miscellaneous	703	435	165	1,138	625	245	1,798	903	320
Acyclic	36,134	18,026	3,425	60,635	30,308	5,165	80,962	42,314	6,427
Medicinal chemicals	37	33	35	59	57	41	64	45	31
Flavor and perfume materials	22	21	23	46	43	28	57	50	45
Plastics and resin materials	3,427	3,119	1,025	7,232	6,364	1,631	10,461	9,498	1,786
Rubber-processing chemicals	29	22	16	41	28	14	49	37	18
Elastomers (synthetic rubbers)	669	602	229	1,202	1,143	401	1,705	1,546	494
Plasticizers	157	116	45	274	257	81	346	320	102
Surface-active agents	555	472	131	1,799	821	204	2,289	1,111	254
Pesticides and related prod.	122	115	59	195	182	119	263	237	152
Miscellaneous	31,115	18,525	1,861	49,697	21,415	2,645	65,728	29,463	8,544

Source: U.S. Tariff Commission; annual report, *Synthetic Organic Chemicals, U.S. Production and Sales*.

No. 1146. CHEMICALS—PRODUCTION, BY KIND: 1950 TO 1969

[Prior to 1960, excludes Alaska and Hawaii. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and, beginning 1960, by Government-owned privately operated plants]

CHEMICAL	UNIT	1950	1960	1965	1968	1969 (prel.)
Acetylene ¹	Mil. cu. ft.	5,331	12,143	16,659	15,385	14,204
Aluminum chloride:						
Anhydrous (100% AlCl ₃)	1,000 sh. tons	32	24	33	36	38
Liquid and crystal (32° Bé)	1,000 sh. tons	18	28	26	22	(NA)
Aluminum sulfate (17% Al ₂ O ₃): ²						
Commercial	1,000 sh. tons	670	879	1,063	1,179	1,165
Iron free	1,000 sh. tons	40	52	59	78	(NA)
Ammonia, synthetic anhydrous	1,000 sh. tons	1,566	4,818	8,869	12,120	12,713
Ammonium nitrate, original solution (100% NH ₄ NO ₃)	1,000 sh. tons	1,214	3,122	4,663	5,737	5,590
Ammonium sulfate, synthetic (technical) ³	1,000 sh. tons	1,138	859	1,947	2,002	1,931
Argon (refined)	Mil. cu. ft.	50	570	1,280	2,100	2,828
Calcium carbide (commercial)	1,000 sh. tons	671	1,093	1,098	942	836
Calcium phosphate, dibasic (100% CaHPO ₄)	1,000 sh. tons	53	235	263	416	504
Carbon, activated ⁴	1,000 sh. tons	38	60	85	85	(NA)
Carbon dioxide (liquid, gas, and solid) ⁵	1,000 sh. tons	640	898	1,086	1,014	739
Chlorine, gas ⁶	1,000 sh. tons	2,084	4,687	6,517	8,444	9,422
Chrome, yellow and orange (C.P.)	1,000 sh. tons	27	21	29	33	31
Hydrochloric acid (100% HCl)	1,000 sh. tons	619	970	1,370	1,752	1,840
Hydrofluoric acid, anhydrous and aqueous (100% HF)	1,000 sh. tons	35	118	160	211	230
Hydrogen, high purity (99.5-100%) ⁷	Mil. cu. ft.	{ 45,103	{ 13,278	{ 30,114	{ 34,600	{ 31,510
Hydrogen, lower purity (less than 99.5%) ⁷	Mil. cu. ft.		{ 51,958	{ 91,521	{ 167,053	{ 36,007
Molybdate chrome orange (C.P.)	1,000 sh. tons	11	29	53	66	63
Nitric acid (100% HNO ₃)	1,000 sh. tons	4	6	9	11	11
Nitrogen, high purity (99.5-100%)	Mil. cu. ft.	1,336	3,315	4,803	6,362	6,264
Nitrogen solutions (100% N)	1,000 sh. tons	1,350	18,566	72,479	114,780	124,989
Oxygen, high purity (99.5-100% O)	Mil. cu. ft.	17,848	57,987	182,114	247,995	272,894
Oxygen, lower purity (less than 99.5%)	1,000 sh. tons	(NA)	1,479	2,170	1,896	1,680
Phosphoric acid (100% P ₂ O ₅)	1,000 sh. tons	504	2,087	3,905	4,958	4,920
Phosphorus (white and red)	1,000 sh. tons	153	409	555	613	694
Potassium hydroxide (88-92% KOH)	1,000 sh. tons	62	103	181	179	175
Potassium pyrophosphate (100% K ₄ P ₂ O ₇)	1,000 sh. tons	(NA)	26	55	49	41
Soda ash: Synthetic (58% Na ₂ O): ⁸						
Total crude bicarbonate equivalent ⁹	1,000 sh. tons	3,991	4,558	4,926	4,595	4,503
Finished light ¹⁰	1,000 sh. tons	2,080	2,238	2,272	1,911	1,809
Finished dense	1,000 sh. tons	1,410	1,998	2,309	2,466	2,553
Soda ash, natural ¹¹	1,000 sh. tons	338	790	1,494	2,043	2,495
Sodium bichromate and chromate	1,000 sh. tons	90	122	141	146	150
Sodium chlorate (100% NaClO ₃)	1,000 sh. tons	22	92	134	167	187
Sodium hydroxide (caustic soda):						
Liquid (100% NaOH)	1,000 sh. tons	2,511	4,072	6,842	8,808	9,619
Sodium phosphate:						
Trisbasic (100% Na ₃ PO ₄)	1,000 sh. tons	67	51	55	65	57
Meta (100% Na ₂ PO ₃)	1,000 sh. tons	39	63	81	95	88
Tetra (100% Na ₄ P ₂ O ₇)	1,000 sh. tons	86	90	107	100	84
Acid pyro (100% Na ₂ H ₂ P ₂ O ₇)	1,000 sh. tons	9	17	24	26	(NA)
Tripoly (100% Na ₅ P ₃ O ₁₀)	1,000 sh. tons	233	690	923	1,177	1,206
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) ¹²	1,000 sh. tons	486	497	588	633	654
Sodium sulfate:						
High purity (more than 99% Na ₂ SO ₄)	1,000 sh. tons	184	303	428	725	420
Glauber's salt (100% Na ₂ SO ₄ ·10H ₂ O)	1,000 sh. tons	186	32	{ 13,970	758	1,042
Lower purity (99% or less Na ₂ SO ₄)	1,000 sh. tons	561	738			
Sulfuric acid, gross (100% H ₂ SO ₄) ¹³	1,000 sh. tons	13,029	17,883	25	29	29
Titanium dioxide (composite and pure) (100% TiO ₂)	1,000 sh. tons	290	456	577	624	654

NA Not available. ¹ Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators.

² Excludes quantities produced and consumed by municipalities.

³ Excludes byproduct coke-oven production.

⁴ Includes data for decolorizing and water purification grades only.

⁵ Excludes quantities produced and consumed in plants manufacturing soda ash or urea.

⁶ Total production, including quantities liquefied for use, storage, or shipment.

⁷ Beginning 1960, excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g., vented, used as fuel, etc. Beginning 1969, excludes amounts of hydrogen produced in petroleum refineries for captive use.

⁸ Ammonia soda and caustic carbonation processes.

⁹ Includes quantities used to manufacture caustic soda, sodium bicarbonate, and finished light and dense soda ash. ¹⁰ Excludes quantities converted to finished dense soda ash.

¹¹ Collected by or in cooperation with Bureau of Mines.

¹² Prior to 1960, includes amounts produced and consumed in making meta-, ortho-, and sesquisilicates; beginning 1960, excludes these amounts. ¹³ Includes Glauber's salt converted to 100% Na₂SO₄.

¹⁴ Includes sulfuric acid of oleum grades.

Source: Dept. of Commerce, Bureau of the Census; compiled from manufacturers' reports and published in Current Industrial Reports, Series M28A.

No. 1147. ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS:
1950 TO 1969

[In thousands of sales squares, except as indicated. Prior to 1960, excludes Alaska and Hawaii. A sales square is a quantity of material sufficient to cover 100 square feet of surface area]

PRODUCT	1950	1955	1960	1965	1967	1968	1969 (proj.)
Asphalt roofing	65,024	62,582	59,959	72,338	76,500	78,045	82,584
Smooth-surfaced	14,377	11,502	8,919	15,101	17,108	18,307	21,062
Mineral-surfaced	14,116	12,902	12,835	13,182	13,403	12,702	12,895
Strip shingles	32,109	33,915	33,811	39,798	42,038	43,307	45,103
Self-sealing	(NA)	(NA)	(NA)	14,594	19,688	22,699	25,556
Standard or regular	(NA)	(NA)	(NA)	25,204	22,350	20,608	19,547
Individual shingles	4,422	4,263	4,393	4,246	3,954	3,639	3,524
Asphalt sidings	2,009	1,288	872	628	468	418	368
Roll form	1,659	1,068	734	579	441	(D)	(D)
Shingle form	350	223	138	48	26	(D)	(D)
Insulated siding, all types and finishes	2,402	2,195	1,131	590	445	411	346
Saturated felts	1,000 short tons	721	1,039	983	980	876	875
Asphalt	1,000 short tons	821	905	898	928	827	831
Tar	1,000 short tons	100	134	85	51	49	43

D Withheld to avoid disclosing figures for individual companies. NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M20A.

No. 1148. STRUCTURAL CLAY PRODUCTS—SHIPMENTS, BY KIND: 1950 TO 1969

[Prior to 1965, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 212, for production of brick]

PRODUCT	1950	1955	1960	1965	1968	1969
Brick (building or common and face):						
Quantity	mil. standard bricks	6,486	7,741	6,502	8,080	7,557
Value	mil. dol.	164	233	224	301	318
Facing tile (structural), ceramic glazed, inc. glazed brick:						
Quantity	mil. brick equivalent	(NA)	446	370	308	211
Value	mil. dol.	(NA)	31	31	25	20
Facing tile (structural), unglazed and salt glazed:						
Quantity	mil. tiles	(NA)	26	12	6	3
Value	mil. dol.	(NA)	4	3	1	1
Structural clay tile, except facing:						
Quantity	1,000 sh. tons	1,317	929	488	313	198
Value	mil. dol.	15	12	8	5	4
Vitrified clay sewer pipe and fittings:						
Quantity	1,000 sh. tons	1,568	2,056	1,855	1,732	1,706
Value	mil. dol.	53	84	95	103	109
Clay floor and wall tile and accessories:						
Quantity	mil. sq. ft.	127	233	233	283	275
Value	mil. dol.	62	128	130	142	138

NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32D.

No. 1149. FLAT GLASS—PRODUCTION AND SHIPMENTS: 1968 AND 1969

[In thousand boxes of 50 square feet, each single strength or equivalent, except as indicated]

PRODUCT	1968			1969		
	Production ¹	Shipments		Production ¹	Shipments	
		Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
Flat glass, total	(X)	387,628		(X)	416,905	
Sheet (window) glass, not rolled	23,243	21,973	139,558	25,252	23,214	150,123
Single strength, uncolored	10,504	10,483	62,987	11,411	10,739	66,098
Double strength, incl. greenhouse, uncolored	4,541	4,445	29,423	4,790	4,669	31,440
Heavy sheet, uncolored	6,770	6,100	38,041	7,559	7,059	48,018
Thin, incl. picture glass, and tinted or colored glass, all thicknesses	1,428	936	8,127	1,483	747	6,967
Plate, float, and rolled and wire glass ²	1,000 sq. ft.	951,575	655,979	248,070	983,226	728,736
Plate and float:						
Not over $\frac{1}{8}$ " thick	1,000 sq. ft.	420,802	334,400	114,531	458,075	356,536
Over $\frac{1}{8}$ " but not over $\frac{1}{4}$ " thick	1,000 sq. ft.	468,300	264,501	105,648	466,554	311,894
Plate and float, over $\frac{1}{4}$ " thick, and rolled and wire glass	1,000 sq. ft.	66,873	57,060	27,891	68,597	60,306
X Not applicable. ¹ Includes quantities shipped and quantities incorporated into other products manufactured by establishments producing glass. ² Excludes glass block and tile.						

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32A(69)-5.

No. 1150. REFRactories—SHIPMENTS: 1967 TO 1969

PRODUCT	UNIT	1967		1968		1969 (prel.)	
		Quantity (X)	Value (\$1,000)	Quantity (X)	Value (\$1,000)	Quantity (X)	Value (\$1,000)
Clay refractories	(X)	225,116	(X)	229,763	(X)	257,346	
Bricks and shapes:							
Fire clay, ¹ except superduty	M 9' equiv.	276,968	63,410	280,083	60,840	269,751	56,852
Fire clay, superduty	M 9' equiv.	78,456	24,296	71,075	23,152	75,180	26,268
High alumina (50% Al ₂ O ₃ and over)	M 9' equiv.	49,751	26,931	54,810	30,739	55,020	37,190
Ladle brick	M 9' equiv.	187,214	23,757	199,808	26,059	205,850	27,388
Sleeves, nozzles, runner brick, tuyeres	M 9' equiv.	45,035	12,281	44,743	12,066	54,082	15,545
Insulating firebrick and shapes	M 9' equiv.	59,318	17,515	60,928	16,261	59,989	17,788
Refractory bonding mortars ²	Short tons	77,431	10,351	76,531	9,907	93,649	12,840
Plastic refractories and ramming mixes	Short tons	190,095	16,974	177,984	17,209	170,210	15,202
Castable refractories (hydraulic setting)	Short tons	201,024	21,647	202,836	24,085	219,550	26,185
Other materials in lump or ground form	Short tons	272,520	18,004	325,717	20,437	382,577	22,602
Nonclay refractories	(X)	298,641	(X)	306,078	(X)	351,004	
Bricks and shapes:							
Silica	M 9' equiv.	71,009	14,668	59,568	14,793	68,671	17,476
Magnesite and magnesite-chrome	M 9' equiv.	93,823	89,852	92,863	96,232	103,042	112,601
Chrome and chrome-magnesite	M 9' equiv.	22,221	18,860	20,530	18,264	21,637	20,816
Graphite crucibles, retorts	Short tons	16,586	18,726	14,668	13,611	16,416	15,057
Mullite	M 9' equiv.	6,003	9,528	5,137	8,294	6,212	9,937
Extra-high alumina	M 9' equiv.	2,861	7,363	2,918	8,233	3,705	9,688
Silicon carbide	M 9' equiv.	3,099	12,895	3,833	12,014	3,705	18,530
Zircon and zirconia	M 9' equiv.	1,486	5,397	1,713	5,481	2,114	6,508
Forsterite, molten cast, dolomite	M 9' equiv.	25,709	41,651	24,148	39,924	25,612	48,462
Mortars	Short tons	111,483	12,086	119,910	13,556	120,237	13,111
Nonclay refractory castables ³	Short tons	31,541	6,892	33,673	7,942	38,410	8,778
Plastic refractories, ramming mixes ⁴	Short tons	212,269	30,075	210,410	32,400	232,615	38,134
Other materials in lump or ground form	Short tons	384,564	35,678	408,947	35,304	506,393	37,036
Dead-burned magnesia or magnesite	Short tons	100,799	6,244	121,016	7,404	119,831	8,098

^X Not applicable.¹ Includes semisilica.² Bonding mortars containing more than 60% Al₂O₃ dry basis included under nonclay refractories.³ Hydraulic setting.⁴ Wet and dry types.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32C.

No. 1151. GLASSWARE—SHIPMENTS: 1966 TO 1968

[Value in thousands of dollars. Includes shipments valued between \$100 million and \$150 million by establishments manufacturing glassware primarily from glass received from other establishments]

PRODUCT	1966		1967		1968	
	Quantity (X)	Value (¹)	Quantity (X)	Value (¹)	Quantity (X)	Value (¹)
Total						
Table, kitchen, art, and novelty glassware:						
Machine-made:						
Tumblers	1,000 dozen	69,264	71,027	67,920	72,848	73,130
Stemware	1,000 dozen	7,102	17,996	8,125	20,208	8,903
Tableware, cookware, etc.	1,000 pieces	430,667	116,248	340,088	110,683	358,252
Ornamental, novelty, smokers' accessories		(X)	26,088	(X)	29,715	(X)
Handmade:						
Tumblers	1,000 pieces	15,991	6,210	18,408	5,600	18,005
Stemware	1,000 dozen	1,805	12,959	1,740	13,346	1,737
Tableware	1,000 pieces	9,533	10,155	7,771	10,014	8,270
Other		(X)	17,117	(X)	16,646	(X)
Lighting and electronic glassware:						
Automotive lighting glassware		(X)	19,696	(X)	17,138	(X)
Searchlight and other lenses		(X)	4,119	(X)	4,103	(X)
Tubing and cane for electric light bulbs		(X)	36,397	(X)	33,384	(X)
Elect. light bulb blanks, TV tube blanks and pts.		(X)				
Bowls and enclosing globes, lamp chimneys		(X)	265,285	(X)	218,913	(X)
	(X)	36,748	(X)	36,183	(X)	40,386
All other glassware:						
Tubing, rods, canes, ex. electrical and electronic		(X)	17,297	(X)	19,123	(X)
Scientific and laboratory		(X)	64,118	(X)	69,881	(X)
Industrial and technical		(X)	46,654	(X)	47,343	(X)
Ophthalmic and optical instrument lens blanks		(X)	26,675	(X)	38,901	(X)
Other glassware		(X)	49,984	(X)	42,188	(X)

^X Not applicable.¹ Value between \$860 million and \$900 million.² Value between \$900 million and \$950 million.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-32 E 68-1.

No. 1152. RAW STEEL PRODUCTION: 1940 TO 1969

[In thousands of short tons. See *Historical Statistics, Colonial Times to 1957*, series P 203-207, for production in long tons]

YEAR	Total	U.S. as percent of world production	Index, 1957=100	TYPE OF FURNACE			GRADES		Steel for castings
				Open hearth ¹	Electric	Basic oxygen process	Carbon	Alloy and stain- less	
1940.....	68,983	43.2	68.8	65,282	1,700	-	62,017	4,906	333
1945.....	79,702	63.7	82.0	76,245	3,487	-	71,064	8,048	311
1950.....	96,838	46.6	99.7	90,797	6,039	-	88,266	8,570	296
1955.....	117,036	39.4	120.5	108,879	8,050	307	106,376	10,660	247
1960.....	99,282	26.0	101.9	87,557	8,379	3,346	90,862	8,420	217
1961.....	98,014	25.1	100.9	85,333	8,684	3,967	89,338	8,676	188
1962.....	98,328	25.0	101.2	83,762	9,013	5,553	89,180	9,108	180
1963.....	109,261	25.9	112.5	89,797	10,020	8,544	98,714	10,547	178
1964.....	127,076	26.5	130.5	98,986	12,678	15,442	114,442	12,034	223
1965.....	131,462	26.2	135.3	94,779	13,804	22,870	116,651	14,811	287
1966.....	134,101	25.8	138.1	85,303	14,870	33,928	118,732	15,369	317
1967.....	127,213	23.2	131.0	70,690	15,089	41,484	113,190	14,023	194
1968.....	131,462	22.6	155.0	65,836	16,814	48,812	116,260	15,193	173
1969.....	141,202	22.5	145.4	60,894	20,192	60,236	124,832	16,430	172

- Represents zero. ¹ Includes bessemer.

Source: American Iron and Steel Institute, Washington, D.C.; *Annual Statistical Report*. (Copyright.)

No. 1153. IRON AND STEEL INDUSTRY—SUMMARY: 1950 TO 1969

ITEM	1950	1955	1960	1965	1966	1967	1968	1969	
Steel mill products, apparent supply.....	1,000 sh. tons..	70,607	81,629	71,531	100,553	90,024	93,667	107,646	102,682
Net shipments.....	1,000 sh. tons..	72,232	84,717	71,149	92,606	89,906	83,807	91,856	93,877
Exports.....	1,000 sh. tons..	2,639	4,061	2,977	2,496	1,724	1,685	2,170	5,229
Imports.....	1,000 sh. tons..	1,014	973	3,359	10,383	10,753	11,455	17,960	14,034
Percent of total supply.....		1.4	1.2	4.7	10.3	10.9	12.2	16.7	13.7
Scrap consumed.....	1,000 sh. tons..	53,733	63,930	52,106	69,798	70,127	65,422	70,076	76,705
Scrap produced.....	1,000 sh. tons..	31,006	37,407	33,310	46,682	46,566	48,854	46,079	49,193
Scrap inventory.....	1,000 sh. tons..	3,845	5,705	7,699	6,005	6,613	6,291	6,808	6,841
Average employment.....	1,000.....	502	625	572	584	578	555	552	644
Revenues, total.....	mil. dol.	9,534.6	14,049.3	14,221.3	17,971.7	18,288.4	16,880.4	18,678.6	18,668.8
Net income.....	mil. dol.	768.0	1,098.6	810.8	1,069.3	1,075.3	829.8	992.2	860.5
Percent of revenues.....		8.0	7.8	5.7	5.9	5.9	4.9	5.3	4.3
Stockholders' equity.....	mil. dol.	5,468.3	7,920.2	10,545.1	12,031.9	12,045.1	12,108.5	12,617.5	13,036.7
Total assets.....	mil. dol.	8,273.0	12,085.8	15,937.4	18,770.9	19,744.6	20,631.9	22,086.6	23,351.5
Inventories.....	mil. dol.	1,384.3	2,090.4	2,000.8	3,228.3	3,616.8	3,740.8	3,561.9	3,811.6
Capital expenditures.....	mil. dol.	505.3	718.7	1,520.7	1,822.5	1,962.7	2,145.7	2,307.3	2,079.2

Source: American Iron and Steel Institute, Washington, D.C.; *Annual Statistical Report*. (Copyright.)

No. 1154. IRON AND STEEL—AGGREGATE EXPORTS OF SELECTED ITEMS: 1940 TO 1969

[Quantities in thousands of short tons; values in millions of dollars. Includes exports of Puerto Rico to foreign countries. Includes ferromanganese. Excludes steam and hot water heating boilers and radiators. Includes shipments under foreign aid programs; beginning 1950, also includes civilian supply shipments. Beginning 1952, quantity figures exclude, but value figures include, data for wire cloth and other items for which quantities were not reported]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1940.....	11,876	524	1956.....	11,574	1,281	1968.....	9,208	1,048
1945.....	5,203	461	1957.....	13,657	1,623	1964.....	12,051	1,317
1950.....	3,248	465	1958.....	6,328	1,046	1955.....	8,934	1,202
1952.....	4,854	771	1959.....	7,009	885	1966.....	7,763	1,155
1953.....	3,711	640	1960.....	11,493	1,187	1967.....	9,427	1,242
1954.....	4,826	653	1961.....	12,442	1,140	1968.....	8,980	1,237
1955.....	9,723	979	1962.....	7,597	947	1969.....	14,367	1,747

Source: Dept. of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*; monthly report, FT 410, U.S. Exports, Schedule B Commodity and Country; Quarterly Summary of Foreign Commerce of the United States; and unpublished data.

No. 1155. IRON AND STEEL—WHOLESALE PRICE INDEXES: 1940 TO 1970

[1957-59=100. 1960 and earlier years exclude Alaska and Hawaii]

YEAR	IRON AND STEEL, TOTAL	STEEL MILL PRODUCTS			PIG IRON AND FERRO- ALLOYS	IRON ORE	SCRAP, IRON AND STEEL	FOUNDRY AND FORGE SHOP PRO- DUCTS
		TOTAL	FINISHED	SEMI- FINISHED				
1940	37.7	36.7	37.3	31.5	(NA)	(NA)	(NA)	(NA)
1945	39.3	37.9	38.5	32.9	(NA)	(NA)	(NA)	(NA)
1950	66.9	62.9	63.1	60.7	69.8	69.9	101.0	67.6
1955	83.2	81.8	81.9	81.9	83.7	91.1	101.0	82.0
1960	100.6	102.1	102.1	102.0	96.3	97.1	79.9	103.1
1964	100.5	102.8	102.8	103.5	77.7	90.6	79.3	104.7
1965	101.4	103.3	103.3	103.3	80.2	90.5	81.6	106.1
1966	102.3	104.7	104.7	103.7	80.2	90.5	77.3	108.6
1967	103.6	105.9	106.0	105.1	80.0	89.9	72.5	112.1
1968	105.6	108.5	108.7	107.4	80.7	88.2	67.4	115.0
1969	111.0	113.7	113.8	112.4	81.7	88.2	80.1	119.3
April	108.9	111.9	112.0	110.8	79.7	88.2	71.9	118.3
1970, April	117.3	118.7	119.0	114.4	89.1	90.2	101.8	123.9

NA. Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*.

No. 1156. STEEL PRODUCTS—NET SHIPMENTS, BY MARKET CLASSES: 1940 TO 1969

[In thousands of short tons. Comprises carbon, alloy, and stainless steel]

MARKET CLASSES	1940	1945	1950	1955	1960	1965	1968	1969
	45,851	57,242	72,232	84,717	71,149	92,666	91,856	93,877
Total.....								
Steel for converting and processing.....	1,646	2,706	3,900	3,758	2,928	3,932	2,909	3,237
Forgings, not elsewhere classified.....	435	1,418	1,082	1,266	841	1,260	1,197	1,256
Bolts, nuts, rivets, and screws.....	708	1,033	1,410	1,475	1,072	1,234	1,116	1,000
Steel service centers and distributors.....	6,687	9,571	13,360	15,758	12,480	16,360	16,099	17,505
Oil and gas supply houses.....	654	867	1,684	2,198	1,355	1,556	1,990	1,782
Other.....	6,033	8,904	11,876	13,662	11,125	14,813	14,108	15,783
Construction, including maintenance.....	5,959	6,060	8,002	9,682	9,664	11,836	12,195	11,402
Oil and gas.....	991	1,356	3,039	2,448	2,166	2,308	2,892	2,224
Other.....	4,968	4,624	5,563	7,234	7,498	9,528	9,303	9,178
Contractors' products.....	(1)	(1)	3,075	3,082	3,602	5,018	4,922	4,768
Automotive.....	7,325	4,071	14,472	18,722	14,610	20,123	19,289	18,276
Vehicles, parts, etc.....	7,185	3,774	13,923	18,203	14,194	19,423	18,884	17,649
Forgings.....	140	207	549	519	416	700	605	627
Rail transportation.....	3,777	5,129	4,299	3,521	2,525	3,805	3,048	3,344
Railroad rails, trackwork, and equip. ¹	1,202	1,451	2,270	1,620	762	930	960	1,035
Freight cars, passenger cars, locomotives ²	2,575	3,670	2,029	1,901	1,763	2,875	2,088	2,309
Shipbuilding and marine equipment.....	940	2,719	327	601	622	1,051	1,006	907
Aircraft.....	48	301	62	97	78	94	90	84
Oil and gas drilling.....	(1)	(1)	620	793	404	380	387	339
Mining, quarrying, and lumbering.....	141	210	289	269	288	392	457	455
Agricultural.....	920	1,120	1,538	1,337	1,003	1,483	1,400	1,167
Agricultural machinery.....	(NA)	(NA)	1,298	1,112	765	1,169	1,015	889
Other.....	(NA)	(NA)	240	225	238	314	385	323
Machinery, industrial equip., and tools.....	1,108	1,807	3,474	4,699	3,958	5,873	5,489	5,690
Electrical machinery and equipment.....	777	819	1,837	2,292	2,078	2,985	2,897	2,813
Appliances, utensils, and cutlery.....	950	675	2,088	2,199	1,760	2,179	2,292	2,248
Other domestic and commercial equip.....	1,210	1,433	1,804	2,180	1,959	2,179	2,070	1,938
Containers, packaging and shipping mats.....	2,885	4,333	5,911	6,728	6,429	7,381	7,902	7,145
Cans and closures.....	(NA)	(NA)	4,339	4,947	4,976	5,867	6,278	5,603
Barrels, drums, and shipping pails.....	(NA)	(NA)	925	983	842	810	855	761
Other.....	(NA)	(NA)	647	793	611	654	769	781
Ordnance and other military.....	(NA)	5,509	195	857	165	289	2,025	1,758
Exports (reporting companies only).....	8,099	3,793	2,567	3,583	2,563	2,078	2,147	5,004
Nonclassified shipments.....	2,135	4,603	1,330	919	2,120	2,785	2,969	3,891

NA. Not available. ¹ Included in "Construction, including maintenance." ² For 1940 and 1945, street railways and rapid transit systems included in "Freight cars, passenger cars, locomotives"; thereafter, in "Railroad rails, trackwork, and equipment."Source: American Iron and Steel Institute, Washington, D.C.; *Annual Statistical Report*. (Copyright.)

No. 1157. FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1969
 [In thousands of short tons. Prior to 1965, excludes Alaska and Hawaii. Gray iron castings, except 1950, are based on a sample of foundries; all other data on a complete count]

ITEM	1950	1955	1960	1965	1967	1968	1969 (prel.)
GRAY IRON CASTINGS							
Shipments ¹							
Pressure pipe and fittings	13,725	14,838	11,594	15,713	14,328	15,130	15,914
Soil pipe and fittings	1,215	1,887	1,338	1,876	1,780	1,854	1,789
All other gray iron castings	795	870	782	988	939	1,004	1,022
Unfilled orders, Dec. 31 ²	11,715	12,281	9,476	12,879	11,610	12,272	12,103
	2,142	1,075	553	882	913	923	1,091
MALLEABLE IRON CASTINGS							
Shipments							
For sale	942	1,105	821	1,136	1,040	1,007	1,172
For own use	537	653	467	648	613	689	671
Standard malleable	406	452	354	488	427	418	501
Pearlitic malleable	(NA)	(NA)	632	827	751	715	794
Unfilled orders, Dec. 31 ²	222	123	55	174	120	136	117
STEEL CASTINGS							
Shipments ¹							
Carbon	1,481	1,551	1,392	1,961	1,857	1,723	1,900
Alloy	1,130	1,088	1,016	1,378	1,294	1,203	1,311
Unfilled orders, Dec. 31 ²	851	443	376	583	563	520	599
	570	475	163	436	293	371	446

NA. Not available. ¹ Includes shipments "for own use."

² Unfilled orders "for sale" only. Excludes unfilled orders of captive plants.

Source: Dept. of Commerce, Bureau of the Census. Monthly data in *Current Industrial Reports*, Series M33A and M33-1.

No. 1158. NONFERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1969

[In thousands of pounds. Prior to 1960, excludes Alaska and Hawaii. Shipments include "for own use." Unfilled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 693-695]

ITEM	1950	1955	1960	1965	1967	1968	1969 (prel.)
Shipments, all types	2,215,588	2,663,031	2,201,127	3,436,800	3,407,468	3,319,056	3,514,840
Unfilled orders, all types	303,305	273,698	148,414	252,042	244,350	252,225	230,647
Copper and copper-base alloy, shipments	1,056,973	1,008,898	759,658	889,143	960,447	791,155	852,683
Unfilled orders	73,940	57,241	21,914	30,902	33,320	26,828	27,410
Aluminum and aluminum-base alloy, shipments	543,082	827,162	774,548	1,408,950	1,534,713	1,588,180	1,698,081
Unfilled orders	113,300	123,881	71,398	137,576	141,941	140,777	141,819
Zinc and zinc-base alloy, shipments	579,332	778,000	622,713	1,084,549	837,615	851,227	877,389
Unfilled orders	106,885	86,120	51,516	71,451	64,390	80,853	57,790
Magnesium and magnesium-base alloy, shipments	15,224	27,854	23,530	32,293	39,980	41,545	41,155
Unfilled orders	7,654	5,981	3,166	11,198	4,029	3,073	2,697
Lead and lead-base alloy die, shipments	20,977	21,117	20,678	41,856	28,713	46,943	45,632
Unfilled orders	1,528	475	430	915	664	694	931

¹ Excludes lead die castings for battery plates and parts (shipments of 146 million pounds in 1950).

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33E.

No. 1159. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1950 TO 1969
 [In millions of pounds, metal weight. Excludes Alaska and Hawaii]

TYPE OF PRODUCT	1950	1955	1960	1964	1965	1966	1967	1968	1969 (prel.)
Total	5,037	5,130	4,298	5,899	6,288	6,894	5,973	5,823	6,548
Brass mill products	2,554	2,532	1,878	2,787	2,974	3,326	2,505	2,757	3,111
Alloyed ¹	1,663	1,644	1,128	1,566	1,711	2,009	1,804	1,778	1,936
Unalloyed	890	888	750	1,221	1,263	1,317	991	979	1,176
Copper wire mill products ²	1,427	1,556	1,621	1,992	2,177	2,494	2,386	2,213	2,524
Brass and bronze foundry products	1,057	999	862	1,068	1,075	1,007	966	791	853
Copper-base powder mill products	(NA)	43	39	57	62	67	56	62	60

NA. Not available.

¹ Excludes webbing scrap generated in production of military ammunition cups and discs.

² Copper content.
 Source: Dept. of Commerce, Bureau of the Census and Business and Defense Services Administration; *Copper Industry Report, 1964*, and *Current Industrial Reports*, Series BDSAF-84(69)-4.

No. 1160. ALUMINUM AND MAGNESIUM MILL PRODUCTS—NET SHIPMENTS: 1950 TO 1969

[In millions of pounds. Prior to 1965, excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1950	1955	1960	1965	1966	1967	1968	1969 (prel.)
Aluminum mill products								
Plate, sheet, and foil	1,712	2,792	3,049	5,692	6,457	6,351	7,179	7,653
Rolled structural shapes, rod, bar and wire	1,163	1,543	1,537	3,019	3,360	3,317	3,913	4,272
Extruded shapes, and tubing	1,270	368	392	800	928	922	937	962
Powder, flake and paste	258	775	937	1,719	1,910	1,712	1,871	1,975
Forgings and impacts	22	36	33	69	111	234	276	277
Magnesium mill products	13	21	21	32	45	49	41	(NA)

NA Not available. ¹ Forgings included with rolled rod and bar.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33-2 and MA33G.

No. 1161. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS: 1947 TO 1967

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Beginning 1950, based on sample and subject to sampling variation; see Technical Note, p. 695]

CLASS OF PRODUCT	1947	1950	1955	1960	1965	1966	1967 (prel.)
Ball and roller bearings and components	353	450	674	836	1,224	1,331	1,296
Commercial laundry, dry-cleaning, and pressing machines ¹	93	77	87	120	178	202	200
Computing and related machines ¹	(NA)	(NA)	(NA)	(NA)	2,964	4,158	4,677
Construction machinery, except tractors	932	974	1,456	1,451	2,444	2,702	2,616
Mining machinery	234	241	419	338	444	524	520
Conveyors				387	532	639	657
Domestic laundry equipment	434	532	733	605	871	918	931
Elevators and moving stairways ¹	98	102	131	205	251	280	300
Fabricated pipe and fittings made from purchased pipe	110	(S)	210	224	348	455	457
Farm machinery (except tractors)	844	1,062	1,128	1,449	2,060	2,516	3,018
Food-products machinery	335	324	383	462	617	688	683
Heat exchangers and steam condensers	53	77	124	146	240	298	353
Household mechanical refrigerators, incl. electric and gas	615	925	713	624	796	806	833
Industrial fans and blowers, including parts	130	130	274	269	386	446	495
Industrial furnaces and ovens	85	72	159	215	300	347	396
Industrial trucks, tractors, trailers, and stackers ¹	157	166	312	389	637	708	767
Internal combustion engines, exc. automotive and aircraft	617	(NA)	(NA)	1,215	1,782	2,114	2,192
Mechanical power-transmission equipment	428	464	700	711	1,095	1,274	1,256
Mechanical stokers ¹	36	19	18	(NA)	6	4	3
Addressing, dictating, duplicating	179	208	271	247	312	395	409
Oil and gas field machinery and tools, incl. drilling equip.	263	333	647	507	685	710	660
Paper-industries machinery ¹	135	115	207	348	424	440	515
Printing-trades machinery and equipment ¹	101	201	248	350	482	550	648
Pumps and compressors	520	504	924	1,107	1,614	1,787	1,906
Scales and balances ¹	51	53	67	66	108	134	131
Sewing machines ¹	97	171	126	130	114	115	117
Small cutting tools for machine tools and metalworking machinery	205	232	369	401	625	788	768
Steam engines and turbines	119	223	380	623	623	694	1,001
Textile machinery ¹	380	429	384	494	664	776	644
Tractors, except tractor-shovel loaders ¹	744	1,098	1,331	1,142	2,028	2,368	2,165
Typewriters ¹	140	130	164	209	326	432	507
Vacuum cleaners	151	167	176	161	221	234	259
Valves and fittings (except plumbing)	549	712	1,087	1,302	1,848	2,140	2,074
Woodworking machinery	151	187	185	178	270	294	274

NA Not available. S Withheld because data did not meet publication standards.

¹ Includes parts and attachments (except sewing machines exclude cases, cabinets, and sewing machine needles and, prior to 1965, tractors, exclude parts and attachments for garden tractors).

Source: Dept. of Commerce, Bureau of the Census; *Annual Survey of Manufactures*, U.S. Census of Manufactures, and *Current Industrial Reports*.

No. 1162. MACHINE TOOLS (METAL CUTTING AND METAL FORMING)—SHIPMENTS, BY MAJOR TYPES: 1955 TO 1968

[Value in millions of dollars. 1955 excludes Alaska and Hawaii. Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machinings. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1955		1960		1965		1967		1968	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Total.....	(NA)	961	(NA)	778	250,492	1,457	311,472	1,869	303,526	1,753
Metal cutting type.....										
Boring machines.....	(NA)	666	(NA)	539	184,168	1,048	236,167	1,373	225,752	1,807
Broaching machines.....	2,122	77	1,523	47	1,828	92	1,813	118	1,414	94
Drilling machines.....	395	14	176	6	229	16	122	11	145	10
Gear cutting and finishing mach.....	(NA)	54	22,175	39	31,400	88	48,747	123	32,378	68
Grinding and polishing machines (exc. gear tooth grinding, honing, lapping and buffing).....	1,749	37	1,243	34	1,576	56	1,556	64	1,476	68
Lathes.....	60,763	124	53,360	117	73,044	214	91,417	248	97,181	235
Milling machines.....	23,265	153	18,176	135	24,868	235	27,598	334	21,452	314
Planers.....	11,665	90	14,115	73	20,602	144	24,005	234	30,071	234
Shapers (except gear shapers).....	120	8	41	3	(1)	(1)	(1)	(1)	(1)	(1)
All other.....	708	5	543	3	(1)	(1)	192	2	(1)	(1)
Metal forming type.....	(NA)	105	(NA)	75	30,626	208	40,719	240	41,037	284
Presses, including forging (power).....	(NA)	295	(NA)	238	66,324	410	75,305	496	77,774	461
Presses, manual.....	20,712	171	12,529	105	20,052	209	27,777	238	37,252	199
Forging machines (except presses).....	(NA)	10	410	1	13,440	2	14,057	2	(3)	(3)
Punching and shearing machines:										
Power.....	3,956	28	{ 5,007	33	6,286	44	8,553	57	8,786	57
Manual.....	4,424	1								
Bending and forming machines:										
Power.....	6,814	33	{ 18,227	34	17,499	49	14,385	57	21,714	64
Manual.....	13,811	3								
Riveting machines.....	4,849	6	2,269	4	3,044	6	3,852	12	3,146	8
Metal container making machines.....	1,503	18	1,255	17	1,192	28	1,078	26	1,086	23
Die casting machines.....	334	9	181	6	(3)	(3)	382	21	(2)	(2)
Wire weaving and wire fabricating machines.....	876	5	659	4	1,345	13	1,776	19	1,304	18
Drawing mach. and draw benches.....	414	6	390	11	813	15	1,191	24	1,134	20
All other.....	(NA)	(NA)	2,122	3	1,844	12	1,444	10	2,564	20

NA. Not available. ¹ Included with "All other" metal cutting machine tools.

² Included with "All other" metal forming machine tools.

³ Included with "Metal container making machines."

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MQ35W.

No. 1163. AIR-CONDITIONING AND REFRIGERATION EQUIPMENT—SHIPMENTS: 1955 TO 1968

[Number in thousands; value in millions of dollars. 1955 excludes Alaska and Hawaii. Represents manufacturers' billing prices for units actually billed and shipped]

PRODUCT	1955		1960		1965		1967		1968	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units ¹	589.3	70.9	635.6	62.6	599.2	69.1	478.6	65.8	521.4	66.6
Air-cooled.....	523.2	46.1	595.5	46.5	562.6	64.7	453.7	50.9	497.2	52.4
Water-cooled.....	66.1	24.9	30.1	16.1	36.6	14.4	24.9	14.9	20.7	6.5
Water- or air-cooled.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3.5	7.6
Compressors and compressor units ¹	2,554.0	116.9	4,427.4	211.4	8,525.8	332.9	10,677.3	431.8	11,631.5	475.3
Centrifugal-refrigeration systems.....	.8	25.7	1.4	37.9	3.1	63.3	3.4	79.5	3.6	85.8
Heat-transfer equipment.....	(X)	114.1	(X)	150.6	(X)	216.8	(X)	277.5	(X)	267.5
Evaporative condensers.....	5.9	9.6	4.2	8.9	3.1	-8.5	2.7	8.3	2.1	7.4
Unit coolers.....	97.0	15.1	133.1	16.2	139.8	23.1	161.6	26.5	150.8	27.8
Other heat-exchanger equipment.....	(X)	89.4	(X)	125.5	(X)	185.1	(X)	242.7	(X)	232.4
Packaged air-conditioning equipment.....	(X)	369.9	(X)	498.3	(X)	808.3	(X)	1,060.0	(X)	1,112.8
Ice-making machines.....	31.5	16.4	55.5	29.0	87.0	43.0	83.0	43.9	81.4	45.3

NA. Not available. X. Not applicable.

¹ Excludes units for ammonia refrigerants and, prior to 1955, household refrigerators.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-35M.

Electrical Machinery—Farm Equipment

727

No. 1164. ELECTRICAL MACHINERY AND RELATED PRODUCTS—VALUE OF SHIPMENTS: 1947 TO 1967

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 695. "N.e.c." means not elsewhere classified]

PRODUCT	1947	1950	1955	1960	1965	1966	1967
Carbon and graphite products.....	69	100	152	187	277	204	300
Commercial radio communications, radio navigation aids, and broadcast equipment.....	225	269	1,167	2,347	3,488	3,932	4,493
Electric lamps (bulbs).....	192	243	337	490	643	700	761
Electrical appliances:							
Electric fans (except industrial type).....	49	60	75	76	98	99	123
Household water heaters.....	60	64	49	50	66	66	61
Small household electric appliances (except fans).....	249	306	426	471	701	764	760
Household ranges and parts.....	132	218	224	240	325	332	333
Electrical equipment for internal combustion engines.....	337	487	700	772	1,060	1,124	1,220
Electrical measuring instruments.....	156	150	399	795	872	1,031	1,134
Electrical welding apparatus.....	108	110	212	283	433	481	434
Electronic hearing aids.....	17	23	32	49	36	37	30
Electronic tubes:							
Transmitting and industrial type, exc. X-ray tubes.....	25	(S)	181	256	270	305	321
Radio and TV receiving-type tubes, except cathode ray.....	87	198	359	307	263	304	256
Cathode ray tubes (TV receiver type).....	7	(S)	205	213	432	774	752
Electronic components and accessories, n.e.c. ³	349	607	1,061	2,163	3,571	4,808	4,383
Household radio receivers, television sets, radio phonographs, phonographs, and record players.....	810	1,687	1,508	1,223	2,463	3,087	2,917
Motors and generators.....	866	888	1,342	1,486	1,938	2,227	2,304
Phonograph records.....	102	85	80	149	198	219	268
Primary batteries including parts and supplies ⁴	78	95	121	153	221	264	280
Storage batteries.....	293	319	365	405	610	613	568
Switchgear and switchboard apparatus.....	361	332	663	698	1,269	1,476	1,595
Transformers.....	327	405	623	724	891	1,032	1,101
Wiring devices and supplies.....	376	492	698	639	1,127	1,245	1,232
X-ray and therapeutic apparatus ⁵	58	48	(S)	88	121	166	180

S. Withheld because data did not meet publication standards.

¹ Prior to 1960, includes dry shavers (electric razors) and soldering irons.

² Includes rebuilt tubes.

³ Prior to 1960, excludes solid state semi-conductor devices, electron tube parts, and phonograph needles and includes loudspeakers, speaker systems and horns, microphones, chassis for home-type radio and TV receivers, and connectors for electronic application.

⁴ Dry and wet.

⁵ Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Dept. of Commerce, Bureau of the Census; *Annual Survey of Manufactures*, U.S. Census of Manufactures, and *Current Industrial Reports*.

No. 1165. SELECTED FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1947 TO 1968

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Excludes tractors]

CLASS	1947	1950	1955	1960	1965	1966	1967	1968
Total.....	758	1,002	912	1,001	1,432	1,693	1,753	1,655
Farm machines and equipment (complete units).....	594	817	727	798	1,169	1,380	1,439	1,334
Attachments and parts.....	175	186	185	203	263	313	314	321
COMPLETE UNITS, ATTACHMENTS, AND PARTS								
Plows.....	84	100	66	61	96	109	112	88
Harrows, rollers, pulverizers, stalk cutters.....	57	78	75	86	133	158	180	176
Planting, seeding, and fertilizing machinery.....	74	113	80	98	140	161	169	146
Cultivators and weeder.....	50	57	53	51	71	84	89	83
Sprayers and dusters.....	40	37	38	45	51	55	56	56
Harvesting machinery.....	192	288	244	324	505	593	597	595
Haying machinery.....	95	155	168	140	146	169	150	137
Machines for preparing crops for market or use.....	42	31	33	38	59	75	98	99
Farm poultry equipment.....	21	30	28	29	45	61	63	47
Farm dairy machines and equipment.....	31	23	19	20	31	30	34	33
Hog equipment.....	21	29	30	44	{ 18	19	20	21
Other barn and barnyard equipment.....					54	65	68	65
Farm elevators and blowers.....	18	35	38	28	37	43	42	42
Farm wagons, trucks, and other farm transportation equipment.....	36	26	29	37	51	68	71	67

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-35A.

No. 1166. TRACTORS—DOMESTIC SHIPMENTS AND EXPORTS, BY TYPE: 1960 TO 1968

[Value in thousands of dollars. Prior to 1960, excludes Alaska and Hawaii]

YEAR AND TYPE	Total value	COMPLETE UNITS				VALUE OF ATTACHMENTS AND PARTS	
		Domestic		Exports		Domestic	Exports
		Number	Value	Number	Value		
Total:							
1960	1,332,046	565,655	611,044	50,385	250,069	379,928	91,605
1965	(S)	641,909	1,257,785	69,368	383,461	(S)	(S)
1966	(S)	752,068	1,647,187	71,417	375,774	(S)	(S)
1967	(S)	768,926	1,401,761	64,580	321,231	(S)	(S)
1968	(S)	752,970	1,406,024	62,102	353,570	(S)	(S)
Contractors' off-highway wheel tractors: ¹							
1960	90,076	1,960	42,285	1,128	22,730	16,070	9,032
1965	(S)	3,811	87,657	1,610	38,118	(S)	(S)
1966	(S)	4,388	125,569	1,458	36,955	(S)	(S)
1967	(S)	2,239	65,859	526	11,887	(S)	(S)
1968	(S)	1,258	31,690	743	18,529	(S)	(S)
Other wheel tractors:							
1960	511,247	137,184	307,785	18,857	49,773	142,765	10,824
1965	1,026,794	211,902	716,613	32,887	113,418	171,992	24,771
1966	1,220,934	238,450	878,935	31,584	126,925	199,160	24,914
1967	1,223,855	218,284	864,106	27,812	122,062	212,361	25,328
1968	1,163,084	188,700	828,680	23,049	109,687	206,623	18,094
Tracklaying:							
1960	495,156	14,462	144,817	9,998	125,014	186,755	58,570
1965	688,868	17,017	261,576	10,214	166,675	168,251	92,866
1966	747,667	19,648	318,708	8,942	157,810	(D)	(D)
1967	646,878	18,884	238,766	6,977	139,021	(D)	(D)
1968	660,470	14,395	278,798	8,114	174,570	(D)	(D)
Tracklaying type tractor-shovel loaders:							
1960	176,664	8,300	72,281	4,398	50,798	41,309	12,276
1965	232,641	8,195	103,795	4,299	61,751	44,108	22,987
1966	209,270	7,015	97,266	3,494	50,184	(D)	(D)
1967	209,233	5,537	82,555	2,880	43,270	54,700	28,708
1968	234,041	6,507	96,445	2,961	40,795	60,788	27,013
Garden: ²							
1960	59,503	403,759	43,926	16,004	1,754	13,020	803
1965	121,802	401,484	87,834	20,888	8,499	29,085	1,374
1966	173,967	481,667	126,689	25,939	4,400	41,133	1,745
1967	203,210	538,082	150,475	26,405	4,991	48,438	4,306
1968	225,449	542,050	170,411	27,245	5,989	46,865	2,184

D Withheld to avoid disclosing operations of individual companies.

S Does not meet publication standards.

¹ Beginning 1967, excludes units shipped as part of self-propelled scrapers. ² Includes motor tillers.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A, M35D, and M35S.

No. 1167. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1955 TO 1969

[Compiled from reports of associations and manufacturers. Sales include exports. Except as indicated, covers electric appliances only]

PRODUCT	SALES (1,000 units)					RETAIL VALUE (mil. dol.)				
	1955	1960	1965	1968	1969	1955	1960	1965	1968	1969
Home laundry										
Dryers, clothes	5,788	4,776	6,568	7,382	7,444	1,341	1,148	1,399	1,612	1,612
Electric	1,897	1,260	2,098	2,862	3,022	309	261	367	521	547
Gas	1,028	818	1,388	1,986	2,117	217	159	236	348	366
	369	442	710	876	905	92	102	131	173	181
Washing machines	4,391	8,364	4,430	4,482	4,379	1,032	817	1,014	1,074	1,046
Automatic and semiautomatic	8,123	2,601	3,771	4,102	4,068	845	697	916	1,017	1,001
Wrinker and spinner	1,268	760	659	380	311	187	120	98	57	45
Washer-drier combinations	(NA)	151	39	38	43	(NA)	70	18	17	19
Other major appliances	13,697	1,2525	16,750	18,804	19,474	2,978	2,666	3,093	3,952	3,767
Dishwashers	295	555	1,260	1,961	2,118	90	142	276	432	475
Food waste disposers	520	760	1,360	1,733	1,803	60	61	82	104	117
Freezers	1,100	1,045	1,160	1,125	1,195	440	308	271	263	272
Ranges, electric	1,600	1,495	2,065	2,307	2,343	424	413	446	529	540
Free-standing	1,400	860	1,286	1,618	1,630	367	224	290	388	409
Built-in	200	635	780	689	653	57	189	156	141	131

See footnotes at end of table.

Home Appliances

729

No. 1167. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1955 TO 1969—Continued

[Compiled from reports of associations and manufacturers. Sales include exports. Except as indicated, covers electric appliances only]

PRODUCT	SALES (1,000 units)					RETAIL VALUE (mil. dol.)				
	1955	1960	1965	1968	1969	1955	1960	1965	1968	1969
Other major appliances—Con.										
Range, gas.....	2,834	1,814	2,266	2,286	2,472	303	271	435	472	533
Free-standing.....	2,234	1,475	1,565	1,711	1,834	(NA)	199	260	308	349
Other.....	100	339	701	575	638	(NA)	72	175	164	184
Refrigerators, electric.....	4,200	3,475	4,930	5,151	5,206	1,823	1,129	1,282	1,442	1,467
Water heaters, electric.....	900	715	1,095	1,480	1,520	104	75	92	130	184
Water heaters, gas.....	2,748	2,668	2,614	2,756	2,727	234	267	209	220	229
Electric housewares										
Bed coverings.....	(NA)	35,062	66,658	74,797	78,137	(NA)	891	1,385	1,706	1,884
Blenders.....	1,460	3,335	4,610	4,176	4,375	45	77	78	71	88
Broilers.....	405	455	1,800	4,900	8,100	14	16	45	123	166
With rotisseries.....	(NA)	(NA)	1,890	2,770	2,640	(NA)	(NA)	43	73	73
Without rotisseries ¹	(NA)	(NA)	515	770	840	(NA)	(NA)	18	39	42
Can openers, and can opener-knife sharpeners.....	(NA)	1,200	4,300	5,100	5,500	(NA)	28	60	56	72
Coffee makers, automatic.....	3,675	4,605	6,600	8,200	8,500	72	94	104	139	145
Corn poppers.....	780	780	1,105	1,850	2,200	4	4	7	15	20
Floor polishers.....	375	1,024	1,181	1,069	1,003	20	44	47	47	44
Frypan skillers.....	2,660	2,455	2,650	2,975	3,300	51	44	50	74	89
Griddles, automatic.....	(NA)	275	390	475	490	(NA)	6	8	10	11
Hair dryers, with bonnets ²	(NA)	4,325	4,600	4,800	(NA)	(NA)	78	110	125	
Heating pads.....	1,980	2,575	3,000	8,540	3,600	12	15	15	21	22
Hotplates and buffet ranges.....	950	565	705	775	880	7	5	6	9	9
Irons.....	7,080	6,410	9,860	9,915	9,475	113	92	140	158	163
Steam and steam/spray.....	4,995	4,440	7,950	8,190	7,075	84	73	123	139	144
Other.....	2,935	1,970	1,910	1,725	1,500	29	18	17	19	19
Knife sharpeners.....	(NA)	665	260	90	65	(NA)	8	3	1	1
Mixers, food.....	3,240	3,245	3,925	4,560	4,900	103	73	59	62	78
Stand.....	1,615	815	950	810	950	71	29	20	24	30
Portable.....	1,625	2,430	2,975	3,780	3,950	82	44	30	38	48
Oral hygiene devices ³	(NA)	3,300	3,850	3,825	(NA)	(NA)	45	73	65	
Slicing knives.....	(NA)	5,900	2,500	2,100	(NA)	(NA)	97	40	38	
Toasters, automatic.....	3,250	3,345	4,750	5,800	6,200	60	60	74	104	118
Vacuum cleaners.....	8,270	3,313	5,107	6,653	7,134	286	311	398	499	535
Waffle and sandwich grills.....	995	825	1,000	1,000	1,050	10	16	22	21	23
Air treatment										
Air-conditioners, room.....	8,107	7,872	13,216	16,854	19,117	622	669	935	1,261	1,570
Dehumidifiers.....	1,278	1,680	2,045	4,028	5,459	383	485	624	845	1,110
Fans.....	98	375	210	478	638	12	40	16	38	49
Heaters.....	5,585	4,687	7,703	8,915	9,220	203	167	236	262	262
Humidifiers.....	1,150	1,230	1,808	2,460	2,000	24	27	29	48	56
Consumer electronics										
Phonographs, production.....	17,653	21,151	34,800	34,844	33,474	(NA)	2,168	3,915	4,886	4,698
Table and portable ⁴	5,627	4,333	6,245	5,606	4,874	(NA)	556	795	690	707
Console and radio-phonos combinat.	2,430	2,958	4,486	4,020	3,495	(NA)	271	230	233	252
Console and radio-phonos combinat.	197	1,375	1,809	1,588	1,379	(NA)	(NA)	524	457	455
Radios, production.....	7,269	10,695	14,082	11,871	10,400	238	314	302	262	217
Table and clock radios.....	5,242	6,160	8,051	6,078	5,118	162	155	187	146	122
Portable radios.....	2,027	4,635	6,081	5,703	5,282	71	159	115	116	95
Television, bl. and w., production.....	7,757	5,708	8,382	5,813	5,309	1,745	1,269	1,336	769	701
Table and portable.....	4,440	3,274	6,966	5,202	4,855	(NA)	589	974	651	607
Console.....	3,078	2,211	1,818	586	436	(NA)	579	380	111	89
Phono and/or radio combinations.....	239	223	108	25	18	(NA)	101	32	7	5
Television, color, production.....	(NA)	120	2,646	5,981	5,962	(NA)	(NA)	1,482	3,115	3,073
Table and portable.....	(NA)	(NA)	316	2,476	2,751	(NA)	(NA)	(NA)	990	1,073
Console.....	(NA)	(NA)	2,089	2,272	3,006	(NA)	(NA)	(NA)	1,898	1,804
Phono and/or radio combinations.....	(NA)	(NA)	241	233	205	(NA)	(NA)	227	227	197
Tape recorders ⁵	(NA)	295	3,445	5,573	6,029	(NA)	(NA)	(NA)	(NA)	(NA)
Power lawn mowers										
Power lawn mowers.....	2,750	3,800	4,500	5,490	5,700	237	352	421	565	656

NA. Not available.

¹ Includes toaster-broilers. ² Includes salon-type dryers. ³ Includes imports.

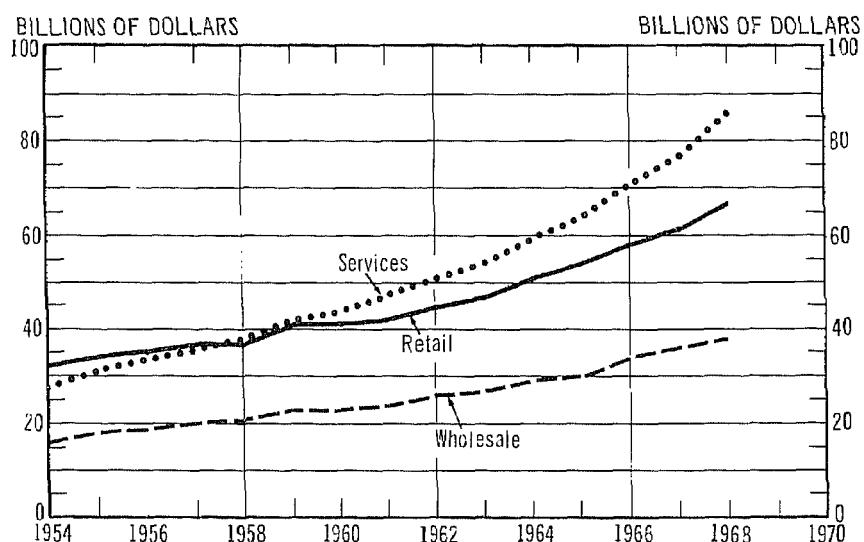
⁴ For 1965, toothbrushes only; thereafter, includes water-pulsating units.

⁵ Represents factory sales. ⁶ Includes radio-phonos combinations.

Source: Billboard Publications, Inc., New York, N.Y.; *Merchandising Week*, February 1970. (Copyright.)

FIG. XLIV. NATIONAL INCOME ORIGINATING IN DISTRIBUTION INDUSTRIES: 1954 TO 1968

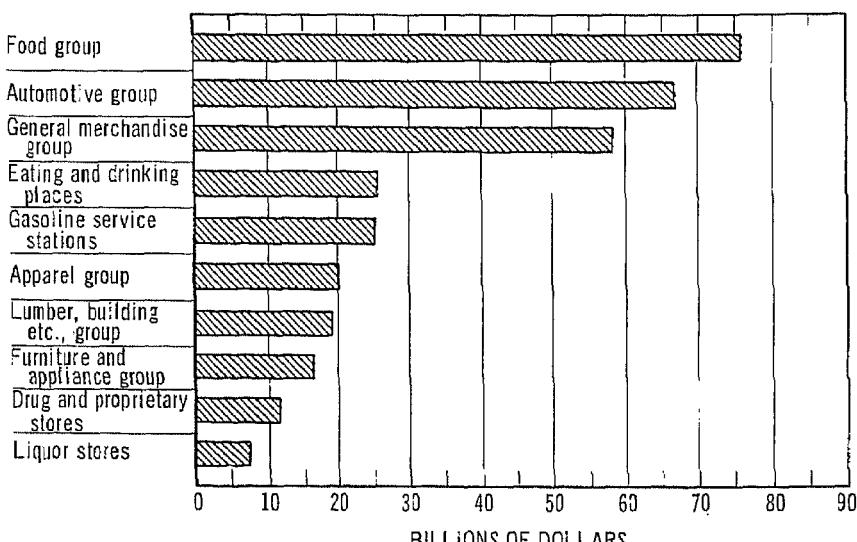
[See table 1168]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Office of Business Economics.

FIG. XLV. RETAIL STORE SALES, BY KIND OF BUSINESS: 1969

[See table 1172]



Source: Dept. of Commerce, Bureau of the Census.

Section 29

Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. Data shown for the distribution trades, classified by kind of business, and for the various categories of services (personal, business, repair, amusement, hotel, etc.) cover sales or receipts, establishments, employees, payrolls, proprietors, and other items. Also included are several tables on advertising expenditures.

The principal sources of these data are the reports of the Census of Business and of annual and monthly surveys conducted by the Bureau of the Census. Data on retail sales, wholesale inventories and sales, consumer expenditures for services, etc. appear in the monthly *Survey of Current Business*, issued by the Office of Business Economics. Financial data for tax-filing and securities-listed corporations engaged in retail, wholesale, or service trades, and for sole proprietorships and partnerships similarly engaged, appear in the annual *Statistics of Income*, published by the Internal Revenue Service, and are also available from the Securities and Exchange Commission. The Federal Trade Commission, in the course of its investigations, collects operating statistics on firms and chains in various kinds of business.

Censuses and current surveys.—Censuses of business have been taken at intervals since 1929. Present legislation provides for a quinquennial census to be conducted for years ending in "2" and "7." Data from the 1967 census on establishments, sales or receipts, personnel, and payroll are available in a series of State reports.

Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail, wholesale, and service trades. Estimates of weekly sales in retail stores are shown for the United States, by kind of business, in the Bureau's *Weekly Retail Sales Report*. Its *Monthly Retail Trade Report* contains monthly estimates of sales and end-of-month accounts receivable of all retail stores and of retail organizations operating 11 or more stores, United States, by kind of business. Also included are monthly retail sales data for census regions and divisions, 15 large States, and 20 large standard metropolitan statistical areas. Annual figures on sales, sales-stock ratios, and year-end inventories and accounts receivable data, classified by kind of business, are presented in the *Annual Retail Trade Report*.

Statistics from the Bureau's monthly wholesale trade survey include merchant wholesalers' sales and inventories and stock-sales ratios by kind of business, United States, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable goods trades, nondurable goods trades, and all trades combined. These data, based on reports submitted by a sample of firms representing merchant wholesalers in all kinds of business, appear in the *Monthly Wholesale Trade Report*. The monthly *Selected Services Receipts Report* provides monthly estimates of receipts for six major kinds of business groups for the United States as a whole. The monthly retail, wholesale, and service trades data are adjusted by the Bureau of the Census for seasonal variations and, in the case of sales, also for trading day differences. These data are also published in the *Survey of Current Business*.

The Bureau of the Census issues a quarterly report on green coffee inventories in the United States as well as total coffee roastings and roastings for soluble use. The Bureau's *Canned Food Report*, issued five times a year, provides canner and distributor stocks of various canned foods as well as canners' data on pack and shipments.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Measures of sampling variability, shown in the source reports, exclude biases arising from differences of response or from nonreporting.

Establishments and coverage.—The business establishments covered in the Census of Business are classified into 3 groups as follows: (1) *Retail trade*, places of business primarily engaged in selling merchandise for personal, household, or farm consumption; (2) *Wholesale trade*, establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and (3) *Selected services*, establishments engaged primarily in the sale of services as contrasted with the sale of merchandise. Figures for establishments refer to those in business at the end of the year.

The Census of Business excludes the activities of doctors, dentists, and others performing a professional or scientific service except that law firms, architects, and engineers were covered in the 1967 census. Also excluded are educational institutions; religious or charitable institutions; hospitals and infirmaries; public utilities; and Government-operated enterprises, except wholesale and retail liquor operations.

Data from the 1958 census exclude retail and service nonemployer establishments which had receipts of less than \$2,500 and \$1,000, respectively. In the 1963 and 1967 censuses, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded.

Advertising.—The statistics on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown, defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid; and local advertising as the advertising done for companies which market their products locally and which may pay special "local" media rates. Monthly figures are published regularly in *Marketing/Communications* and in the *Survey of Current Business*. Total corporate expenditures for advertising, by industry, appear in *Statistics of Income*.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 1168. NATIONAL INCOME ORIGINATING IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1968

(In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1957*, series T 1-11, for related data)

INDUSTRY	1950	1955	1960	1964	1965	1966	1967	1968
Wholesale and retail trade	40,943	52,270	64,398	79,319	84,302	91,392	97,503	105,200
Wholesale trade.....	13,307	17,841	23,128	28,656	30,341	33,380	35,280	37,941
Retail trade.....	27,636	34,429	41,270	50,663	53,961	58,012	62,223	67,239
Services	21,768	31,131	44,480	59,080	64,076	71,078	78,334	86,077
Hotels and other lodging places.....	1,388	1,717	2,111	2,577	2,788	3,192	3,413	3,744
Personal services.....	3,021	3,661	4,608	5,691	5,993	6,570	6,968	7,325
Miscellaneous business services.....	1,684	3,011	5,093	7,490	8,413	9,547	10,538	11,479
Automobile repair, services, and garages.....	864	1,172	1,762	2,368	2,460	2,637	2,858	3,044
Miscellaneous repair services.....	665	873	1,105	1,378	1,501	1,689	1,724	1,884
Motion pictures.....	866	979	894	1,053	1,205	1,343	1,332	1,418
Amusement and recreation services, except motion pictures.....	788	1,121	1,661	2,120	2,221	2,419	2,570	2,778
Medical and other health services.....	4,412	7,007	10,731	14,865	16,256	18,075	20,606	23,570
Legal services.....	1,344	1,926	2,636	3,724	4,069	4,522	4,814	5,188
Educational services.....	1,109	1,524	2,419	3,768	4,191	4,719	5,339	5,878
Nonprofit membership organizations.....	1,803	2,675	3,870	4,907	5,306	5,785	6,382	7,015
Miscellaneous professional services.....	1,262	2,324	3,761	5,231	5,719	6,562	7,380	8,066
Private households.....	2,572	3,051	3,799	3,008	3,964	4,028	4,444	4,638

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, July 1969.

Trade, Selective Services, Public Warehousing

733

No. 1169. DISTRIBUTION AND SERVICES—SUMMARY: 1948 TO 1967

[Prior to 1958 and as noted, excludes Alaska and Hawaii]

ITEM	1948	1954	1958	1963	1967
RETAIL TRADE					
Firms	1,000	(NA)	(NA)	(NA)	(NA)
Multifirms	1,000	163	107	1,183	220 (NA)
Establishments	1,000	1,770	1,722	1,795	1,708 1,763 (NA)
With payroll	1,000	1,119	1,124	1,185	1,206 1,192 116.3
Consumer price index, 1957-59=100		83.8	93.6	100.7	106.7
Sales	mil. dol.	130,521	169,968	200,365	244,202 310,214 (NA)
With payroll	mil. dol.	118,352	157,938	187,768	233,085 295,170 (NA)
By multifirms	mil. dol.	38,601	51,187	1,67,209	89,455 30.6 (NA)
Percent of total sales		29.6	30.1	35.5	(NA)
Percent of multifirm sales by 101-or-more establishment multifirms		41.6	41.8	42.4	43.1 (NA)
Per capita sales: ²					
Current dollars		\$882	\$1,055	\$1,152	\$1,294 \$1,567
Constant (1958) dollars		\$1,053	\$1,127	\$1,144	\$1,213 \$1,347
Sales as percent of personal income		61.2	58.7	55.4	52.6 49.3
Sales, inside SMSA's ³	mil. dol.	80,899	(NA)	1,133,038	169,810 221,378
Percent of total sales		62.0	(NA)	65.4	60.5 71.4
Percent of SMSA sales in central cities		71.4	(NA)	64.0	57.2 55.0
Payroll entire year	mil. dol.	13,568	18,199	21,673	27,032 36,175
Percent of sales		10.4	11.5	11.5	11.3 11.7
Payroll, Nov. 15 workweek ⁴	mil. dol.	(NA)	354	414	553 (NA)
Average weekly wage	dol.	(NA)	50	52	66 (NA)
Paid employees, Nov. 15 workweek	1,000	6,918	7,124	7,042	8,410 9,381
Active proprietors of unincorporated businesses	1,000	1,742	1,766	1,825	1,646 1,624
WHOLESALE TRADE					
Firms	1,000	(NA)	(NA)	(NA)	(NA)
Establishments	1,000	216	260	287	308 311
Sales, all establishments	mil. dol.	180,577	233,976	285,727	358,386 459,476
Merchant wholesalers	mil. dol.	76,533	100,103	122,060	157,392 206,055
Inventories, end of year	mil. dol.	9,965	13,046	15,009	20,150 28,117
Payroll, entire year	mil. dol.	7,734	10,868	13,244	18,101 23,922
Paid employees, Nov. 15 workweek ⁴	1,000	2,305	2,555	2,808	3,089 3,519
Active proprietors of unincorporated businesses	1,000	131	150	157	133 122
SELECTED SERVICES					
Firms	1,000	(NA)	751	928	1,001 (NA)
Multifirms	1,000	(NA)	35	51	61 (NA)
Establishments	1,000	695	786	979	1,082 1,188
With payroll	1,000	370	375	444	504 521
Receipts, total	mil. dol.	13,200	23,487	32,506	44,586 60,542
For establishments with payroll	mil. dol.	12,104	21,263	20,118	41,023 55,527
Average receipts per establishment	dol.	32,879	50,697	65,514	81,338 106,493
For establishments without payroll	mil. dol.	1,132	2,224	3,388	3,503 5,015
Average receipts per establishment	dol.	3,830	6,400	6,335	6,303 7,526
Payroll, entire year	mil. dol.	4,164	6,526	9,046	12,192 17,524
Payroll, Nov. 15 workweek	mil. dol.	81	126	168	241 (NA)
Average weekly wage of employees	dol.	39	53	58	74 (NA)
Paid employees, Nov. 15 workweek ⁴	1,000	2,100	2,362	2,904	3,262 3,841
Active proprietors of unincorporated businesses	1,000	667	781	956	1,017 1,081
PUBLIC WAREHOUSING					
Establishments	mil. dol.	(NA)	7,565	8,447	8,838 9,502
Revenue	mil. dol.	(NA)	757	936	1,119 1,625
Payroll, entire year	mil. dol.	(NA)	304	358	454 634
Payroll, Nov. 15 workweek	mil. dol.	(NA)	6	7	9 (NA)
Paid employees, Nov. 15 workweek ⁴	1,000	(NA)	94	97	102 115

¹ NA. Not available. ² Excludes Alaska and Hawaii. ³ Based on estimated population as of July 1.⁴ For definition of standard metropolitan statistical area (SMSA), see text, p. 2.

4 1967 data for week including March 12.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1948, Vols. I and VI; 1954 Vols. I and III; 1958, Vols. I, III, and V; 1963, Vols. I and IV; and 1967, BC67-WA1, BC67-RA1, and BC67-SS1.

No. 1170. PERSONS IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1969

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Data represent man-years of full-time equivalent employment by persons working for wages or salaries and by active proprietors of unincorporated businesses devoting the major portion of their time to the business. See also *Historical Statistics, Colonial Times to 1957*, series T 12-22.]

INDUSTRY	1950	1955	1960	1965	1967	1968	1969
Wholesale and retail trade.....	10,783	11,592	12,299	13,171	13,935	14,388	14,922
Wholesale trade.....	2,605	2,842	3,000	3,358	3,561	3,648	3,782
Retail trade.....	8,178	8,750	9,209	9,813	10,374	10,740	11,160
Services.....	7,978	8,707	10,169	11,763	12,806	13,266	13,749
Hotels and other lodging places.....	605	618	639	704	732	761	796
Personal services.....	1,217	1,223	1,280	1,424	1,488	1,485	1,515
Miscellaneous business services.....	395	549	810	1,144	1,383	1,442	1,580
Automobile repair, services, and garages.....	310	310	388	456	483	403	507
Miscellaneous repair services.....	232	249	265	300	295	306	327
Motion pictures.....	234	218	179	173	185	187	194
Amusement and recreation, except motion pictures.....	296	307	370	433	469	487	508
Medical and other health services.....	1,230	1,558	1,968	2,479	2,813	3,000	3,168
Legal services.....	235	257	310	346	368	371	381
Educational services.....	519	625	823	1,036	1,162	1,210	1,231
Nonprofit membership organizations.....	713	843	1,028	1,175	1,273	1,318	1,346
Miscellaneous professional services.....	273	404	503	617	698	744	810
Private households.....	1,710	1,548	1,597	1,476	1,487	1,492	1,386

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, July 1970.

No. 1171. RETAIL TRADE—SALES OF RETAIL STORES AND MULTIUNIT ORGANIZATIONS: 1951 TO 1970

[In millions of dollars, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Retail stores beginning 1959, and multiunit organizations beginning 1964, reflect use of sample based on definitions and classifications according to the 1963 Census of Business. All retail stores data, 1959 through 1961, adjusted for sample revision effective with October 1965 data. All retail stores data, 1961 through 1967, and multiunit organization data, 1964 through 1967, adjusted for sample revision effective with August 1968 data. Quarterly data are not adjusted for seasonal variation or trading day differences]

YEAR	SALES OF ALL RETAIL STORES				Sales of multiunit organizations, total ²	Percent multiunit sales of all stores sales		
	Total		Durable goods	Non-durable goods				
	Amount	Per capita ¹ sales						
1951.....	150,548	\$1,038	54,479	102,069	(N/A)	(N/A)		
1955.....	183,851	1,128	66,978	116,873	(N/A)	(N/A)		
1959.....	215,413	1,229	71,608	143,805	(N/A)	(N/A)		
1960.....	219,529	1,232	70,500	148,969	(N/A)	(N/A)		
1961 (old sample).....	218,811	1,208	66,968	151,843	(N/A)	(N/A)		
1961 (new sample).....	218,992	1,209	67,302	151,690	(N/A)	(N/A)		
1962.....	236,563	1,282	74,894	160,669	(N/A)	(N/A)		
1963.....	246,666	1,321	79,927	166,739	(N/A)	(N/A)		
1964.....	261,870	1,383	84,593	177,277	68,306	26.1		
1965.....	284,128	1,481	94,186	189,942	73,356	25.8		
1966.....	303,056	1,569	98,301	205,655	80,323	26.4		
1967.....	313,809	1,604	100,173	213,636	85,203	27.2		
1968.....	339,324	1,718	110,245	229,070	94,104	27.8		
1969.....	351,633	1,761	112,779	238,854	103,070	29.3		
First quarter.....	78,935	395	25,802	53,133	21,875	27.7		
Second quarter.....	89,218	447	30,208	59,010	25,046	28.1		
Third quarter.....	87,033	436	27,808	59,225	25,300	29.1		
Fourth quarter.....	96,447	483	28,961	67,486	30,840	32.0		
1970, first quarter.....	81,203	403	24,602	56,601	23,801	29.4		

N.A. Not available. ¹ Based on Bureau of the Census estimates of civilian resident population as of July 1 through 1969, and as of April 1 for 1970.

² Based on sales of organizations operating 11 or more retail stores in 1963.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*. Monthly data in Office of Business Economics; *Survey of Current Business*.

No. 1172. RETAIL TRADE—SALES, BY KIND OF BUSINESS: 1965 TO 1970

[In millions of dollars. Quarterly data are not adjusted for seasonal variation or trading day differences. See also *Historical Statistics, Colonial Times to 1957*, series T 24-48]

KIND OF BUSINESS	1965	1967	1968	1969				1970, first quarter
				Total	First quarter	Second quarter	Third quarter	
All retail stores	284,128	313,809	339,324	351,633	78,935	89,218	87,033	96,447
Durable goods stores ¹	94,186	100,173	110,245	112,779	25,802	30,208	27,808	28,961
Automotive group	56,884	58,273	65,281	66,911	15,902	18,276	16,195	16,538
Passenger car, other automotive dealers	53,484	53,968	60,680	62,048	14,888	16,045	14,061	15,254
Tire, battery, accessory dealers	3,400	4,307	4,001	4,863	1,014	1,331	1,234	1,284
Furniture, appliance group ¹	13,352	15,267	18,540	16,719	3,774	4,084	4,144	4,717
Furniture, homefurnishings stores	(NA)	(NA)	10,227	10,439	2,396	2,639	2,578	2,826
Household-appliance, TV, radio stores	(NA)	(NA)	5,235	5,223	1,147	1,230	1,312	1,534
Lumber, building, hardware, farm equipment group ¹	17,101	12,675	19,129	19,246	3,917	5,425	5,139	4,765
Lumber yards, building materials dealers ²	9,731	9,781	10,984	11,278	2,359	3,086	3,099	2,734
Hardware stores	2,637	2,894	(NA)	3,284	645	899	837	903
Nondurable goods stores ¹	189,942	218,636	229,079	238,854	53,133	59,010	59,225	67,486
Apparel group ¹	15,765	18,123	19,285	20,158	4,145	4,854	4,792	6,367
Men's and boys' wear	(NA)	(NA)	4,424	4,761	989	1,134	1,044	1,504
Women's apparel, accessory stores	(NA)	(NA)	7,429	7,006	1,609	1,842	1,792	2,363
Shoe stores	(NA)	(NA)	3,196	3,505	670	857	927	1,051
Drug and proprietary stores	9,185	10,721	11,458	11,803	2,758	2,884	2,922	3,299
Eating and drinking places	20,201	23,473	25,285	25,849	5,735	6,653	6,985	6,498
Food group ¹	64,016	69,113	72,881	75,866	18,098	18,835	19,209	19,724
Grocery stores	(NA)	(NA)	67,926	70,055	16,069	17,607	17,988	18,441
Gasoline service stations	20,611	22,739	24,526	25,116	5,881	6,439	6,498	6,303
General merchandise group, including nonstores ¹	42,290	(NA)	54,493	58,615	11,244	13,864	14,115	19,392
Department stores ³	25,014	29,589	33,323	36,411	6,876	8,806	8,716	12,213
Mail-order (dept. store merchandise)	(NA)	(NA)	3,256	3,519	707	770	789	1,253
Variety stores	(NA)	(NA)	6,152	6,648	1,229	1,559	1,544	2,216
Liquor stores	5,674	6,409	6,969	7,403	1,644	1,786	1,848	2,125

NA. Not available. ¹ Includes data not shown separately.

² In addition, includes paint, plumbing, and electrical stores. ³ Includes sales made by mail-order catalog desks located within department stores of mail-order firms.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*. Monthly data in Office of Business Economics; *Survey of Current Business*, February 1970.

No. 1173. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS, BY KIND OF BUSINESS: 1968 TO 1970

[In millions of dollars. Data based on sales of organizations operating 11 or more retail stores in 1963. Quarterly data are not adjusted for seasonal variation or trading day differences. See also headnote, table 1171, and *Historical Statistics, Colonial Times to 1957*, series T 40-71]

KIND OF BUSINESS	1968	1969	1970, 1st qtr.	PERCENT ¹		
				1968	1969	1970, 1st qtr.
Total sales	94,580	103,070	23,891	27.9	29.3	29.4
Durable goods stores ²	5,415	5,892	1,142	4.9	5.2	4.6
Tire, battery, accessory dealers	1,736	1,816	342	37.7	37.3	33.6
Furniture and appliance group	1,303	1,354	273	7.9	8.1	7.1
Nondurable goods stores ²	89,165	97,178	22,749	38.9	40.7	40.2
Apparel group ²	5,186	5,921	1,246	26.9	29.4	29.4
Men's and boys' wear stores ³	767	905	197	17.3	19.0	19.9
Women's apparel, accessory stores ⁴	1,837	2,090	418	24.7	27.5	26.2
Shoe stores	1,335	1,598	357	41.8	46.6	46.2
Drug and proprietary stores	3,373	3,777	984	29.4	31.8	32.2
Eating and drinking places	2,122	2,487	611	8.4	9.8	10.0
Food group ²	35,003	37,619	9,828	48.2	49.6	50.9
Grocery stores	34,681	37,168	9,718	51.1	52.4	53.8
General merchandise group, including nonstores ²	38,395	41,997	8,738	70.5	71.6	71.0
Department stores, excl. mail-order sales	26,184	28,034	5,908	78.6	79.5	80.1
Variety stores	4,821	5,232	1,062	78.4	79.9	78.6

¹ Multiunit sales as percent of all retail sales. ² Includes data not shown separately.

³ Comprises men's and boys' clothing, furnishings stores, and custom tailors.

⁴ Comprises women's ready-to-wear, other apparel, accessory, specialty shops, and furriers.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*, and unpublished data.

Distribution and Services

No. 1174. RETAIL TRADE—MERCANDISE INVENTORIES AND SALES-INVENTORY RATIOS: 1967 AND 1968

[Inventories in millions of dollars. As of December 31. Beginning 1968, based on new sample designs, not comparable in level with old series. See *Monthly Retail Trade Report*, November 1968]

KIND OF BUSINESS	MERCANDISE INVENTORIES AT COST				SALES-INVENTORY RATIOS ²			
	All retail stores		Multiunit organizations ¹		All retail stores		Multiunit organizations ¹	
	1967	1968	1967	1968	1967	1968	1967	1968
Total.....	35,832	40,601	10,500	11,919	9.0	8.9	10.5	10.3
Durable goods.....	(NA)	18,412	(NA)	1,414	(NA)	6.2	(NA)	5.4
Non durable goods.....	(NA)	22,189	(NA)	10,595	(NA)	11.4	(NA)	10.9
Food group.....	3,686	4,393	2,232	2,436	20.4	20.4	23.0	22.4
Grocery stores.....	3,481	4,236	2,181	2,406	19.8	19.9	22.8	22.2
Eating and drinking places.....	608	560	(NA)	42.5	46.7	(NA)	(NA)	(NA)
General merchandise group with nonstores.....	(NA)	8,314	(NA)	5,688	(NA)	7.4	(NA)	7.8
General merchandise group without nonstores (except department stores mail order).....	6,389	7,975	4,849	5,553	7.2	7.0	7.7	7.5
Department stores and dry goods, general merchandise stores.....	4,992	6,218	3,635	4,100	7.4	7.3	8.1	8.0
Department stores.....	3,970	4,886	3,307	3,727	7.7	7.8	8.1	8.1
Variety stores.....	961	1,265	805	994	6.0	5.8	6.5	6.2
Mail-order (department store merchandise).....	436	493	(NA)	(NA)	6.9	6.6	(NA)	(NA)
Apparel group ⁴	4,060	4,050	951	1,089	4.9	4.9	6.2	6.0
Men's, boys' clothing, furnishing stores.....	1,043	1,165	171	197	3.9	3.7	4.3	4.3
Women's ready-to-wear stores.....	1,074	940	222	242	6.3	6.8	8.2	8.5
Shoe stores.....	746	854	204	347	4.2	4.1	5.2	4.9
Furniture and appliance group ⁴	2,820	2,989	254	260	5.7	6.2	8.1	7.7
Furniture, home furnishing stores.....	1,594	1,745	(NA)	(NA)	5.8	6.5	(NA)	(NA)
Furniture stores.....	1,277	1,412	(NA)	(NA)	5.3	5.9	(NA)	(NA)
Household appliance, TV, radio stores.....	980	991	(NA)	(NA)	6.1	6.2	(NA)	(NA)
Household appliance dealers.....	626	680	(NA)	(NA)	6.2	6.2	(NA)	(NA)
Lumber, building, hardware, farm equip. group.....	4,405	4,353	385	433	4.2	4.4	4.7	4.7
Lumber yards, building-materials dealers, paint, plumbing, electrical stores.....	1,661	1,821	265	303	5.7	6.1	5.2	5.1
Lumber yards.....	1,115	1,150	155	182	5.4	5.7	5.1	4.9
Hardware stores.....	841	800	(NA)	(NA)	3.8	3.8	(NA)	(NA)
Farm equipment dealers.....	1,913	1,732	(NA)	(NA)	3.1	3.0	(NA)	(NA)
Automotive group ⁴	7,118	8,655	(NA)	(NA)	8.0	7.5	(NA)	(NA)
Passenger car dealers.....	5,831	7,015	(NA)	(NA)	8.6	8.0	(NA)	(NA)
Passenger car dealers (franchised).....	5,497	6,530	(NA)	(NA)	8.6	7.9	(NA)	(NA)
Tire, battery, accessory dealers.....	716	975	428	476	5.0	5.1	4.3	4.4
Gasoline service stations.....	940	975	(NA)	(NA)	24.8	25.7	(NA)	(NA)
Drug and proprietary stores.....	1,777	1,939	562	657	6.2	6.3	7.0	7.1
Liquor stores.....	728	760	230	244	10.1	10.4	13.8	12.9
Jewelry stores.....	768	770	(NA)	(NA)	2.0	2.8	(NA)	(NA)

NA Not available. ¹ Organizations operating 11 or more retail stores.

² Ratio of annual sales to year-end inventories of retail stores which were in business the full calendar year.

³ Based on store inventories only. Excludes warehouses. ⁴ Includes kinds of business not shown separately.

No. 1175. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1968 TO 1970

[In millions of dollars, except as indicated. Annual merchandise inventories and accounts receivable as of December 31; quarterly as of March 31. Department stores are retail stores, normally employing 25 or more persons, carrying a general line of apparel, homefurnishings, and housewares, but with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	TOTAL			MULTIUNIT ORGANIZATIONS ¹		
	1968	1969	1970, 1st qtr.	1968	1969	1970, 1st qtr.
Sales, total.....	33,323	36,411	7,378	2,26,184	2,28,934	2,5,908
Per capita ³	169	182	(NA)	(NA)	(NA)	24.7
Dept. store as percent of total retail.....	9.8	10.4	9.1	27.8	28.1	
Merchandise inventories:						
Warehouses and stores.....	4,886	5,348	(NA)	3,727	4,123	(NA)
Stores only.....	4,315	4,729	(NA)	3,233	3,562	(NA)
Sales-inventory ratio, stores only ⁴	7.8	7.4	(NA)	8.1	7.8	(NA)
Accounts receivable, total.....	6,799	7,254	6,460	5,890	6,318	5,724
Charge accounts ⁵	1,010	977	728	524	513	392
Percent of total.....	14.9	13.5	11.2	8.9	8.1	0.8
Installment accounts ⁶	5,789	6,277	5,737	5,366	5,803	5,382
Percent of total.....	85.1	86.5	88.8	91.1	91.9	93.2

NA Not available. ¹ Organizations operating 11 or more retail stores. ² Excludes mail-order sales.

³ Based on civilian population estimates as of July 1. ⁴ Ratio of annual sales to year-end inventories.

⁵ Receivables for which full payment is scheduled to be made at end of customary billing period.

⁶ Receivables scheduled to be paid in 2 or more payments.

Source of tables 1174 and 1175: Dept. of Commerce, Bureau of the Census; *Annual Retail Trade Report*.

No. 1176. RETAIL TRADE—SALES, BY BROAD MERCHANDISE LINES: 1963

[Establishments in thousands; sales in millions of dollars. Includes only establishments with payroll]

MERCHANDISE LINE	ALL ESTABLISHMENTS			MULTIUNIT ORGANIZATIONS ¹		
	Estab- lish- ments	Sales	Percent of sales	Estab- lish- ments	Sales	Percent of sales
				1,206	232,952	100.0
Retail trade, total	1,206	232,952	100.0	113	62,280	100.0
Reporting sales by merchandise lines						
Groceries, other foods	865	199,355	85.6	100	59,494	95.5
Meals, snacks	279	48,366	20.8	43	22,004	35.8
Alcoholic drinks	276	13,154	5.6	17	1,903	3.1
Packaged alcoholic beverages	121	4,459	1.9	1	(2)	0.1
Cigars, cigarettes, tobacco	102	5,697	2.4	14	1,544	2.5
Cosmetics, drugs, health needs, cleaners	250	4,461	1.9	31	1,704	2.7
Men's, boys' clothing, exc. footwear	185	9,326	4.0	33	2,854	4.6
Women's, girls' clothing, exc. footwear	88	7,263	3.1	24	3,249	5.2
All footwear	117	14,390	6.2	34	6,742	10.8
Curtains, draperies, dry goods	82	4,199	1.8	27	2,043	3.3
Major appl., radio, TV, musical instruments	70	3,817	1.6	22	2,075	3.3
Furniture, sleep equip., floor coverings	96	6,773	2.9	25	2,290	3.7
Kitchenware, homefurnishings	74	7,169	3.1	16	1,476	2.4
Jewelry, optical goods	109	2,927	1.3	34	1,439	2.3
Sporting, recreation equipment	86	2,306	1.0	19	551	0.9
Hardware	67	2,107	0.9	17	550	0.9
Lumber, building materials	97	3,481	1.5	23	1,002	1.8
Automobiles, trucks	82	8,941	3.8	11	1,534	2.5
Auto fuels, lubricants	53	35,100	15.1	(2)	(2)	0.4
Tires, batteries, accessories	216	14,249	6.1	16	1,595	2.6
Farm equipment, machinery	22	3,277	1.4	3	(2)	0.2
Hay, grain, feed, farm supplies	28	4,358	1.9	2	(2)	0.7
Household fuels, ice	33	3,185	1.4	3	(2)	0.5
All other merchandise	247	9,340	4.0	46	3,158	5.1
Nonmerchandise receipts	335	7,200	3.1	46	2,024	3.2

² Less than 500 establishments or \$500,000.¹ Comprise 11 establishments or more.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. I.

No. 1177. RETAIL TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1963 AND 1967

[Establishments and paid employees in thousands; money figures in millions of dollars]

ITEM	1963				1967			
	Estab- lish- ments	Sales	Pay- roll, entire year	Workweek ended nearest Nov. 15	Estab- lish- ments	Sales	Pay- roll, entire year	Pay- roll, 1st qtr.
					Pay- roll	Paid em- ployees		
All establishments	1,708	244,202	27,632	553	8,410	1,763	310,214	36,175
Operated entire year	1,532	232,043	26,357	514	7,739	1,671	299,430	34,987
With annual sales of—								
Less than \$30,000	517	7,517	616	13	329	583	8,033	754
\$30,000-\$49,999	243	9,415	954	19	401	227	8,769	880
\$50,000-\$69,999	329	23,335	2,505	51	918	323	22,888	2,503
\$100,000-\$299,999	306	50,683	6,388	124	1,977	359	60,200	7,500
\$300,000-\$499,999	58	21,985	2,793	54	780	74	28,110	3,749
\$500,000-\$999,999	43	30,062	3,429	66	908	55	38,464	4,097
\$1,000,000 or more	37	89,096	9,583	188	2,430	50	132,876	14,890
With employment of 1—								
Less than 4 paid employees ²	1,087	48,128	3,453	65	1,144	1,243	63,811	4,867
4-7 paid employees	247	34,597	4,129	81	1,276	100	34,127	4,211
8-19 paid employees	148	47,974	6,070	117	1,712	144	52,687	7,032
20 or more paid employees	70	101,345	12,705	250	3,607	84	148,824	18,878
Not operated entire year	176	12,158	1,275	40	671	93	10,785	1,183
Single units operated	1,488	154,746	16,584	382	5,050	1,543	186,849	20,513
Multifamily	220	89,455	11,068	221	3,380	220	123,565	15,662
Individual proprietorships	1,125	65,738	5,882	121	2,227	(N/A)	(N/A)	(N/A)
Partnerships	211	23,873	2,182	45	772	(N/A)	(N/A)	(N/A)
Corporations	359	151,093	19,293	383	5,329	(N/A)	(N/A)	(N/A)
Cooperatives and other	13	3,497	294	5	82	(N/A)	(N/A)	(N/A)

N.A. Not available. ¹ For 1963, workweek ended nearest Nov. 15; for 1967 week including Mar. 12.² Includes no paid employees.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1967, Vol. I.

No. 1178. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1958, 1963,

(For 1958, totals include and kind of busi-

KIND OF BUSINESS	1958		1963		1967	
	Total estab- lishments	Sales, all estab- lishments	Total estab- lishments	Sales, all estab- lishments	Total estab- lishments	Total estab- lishments with payroll
Retail trade, total	1,794,744	Mil. dol. 200,365	1,707,931	Mil. dol. 244,202	1,763,824	1,191,545
Building materials, hardware, farm equipment dealers	108,379	14,326	92,703	14,606	86,373	69,015
Building materials, supply stores	54,570	8,406	46,746	8,421	42,472	38,334
Lumber, other building materials dealers	34,807	7,128	28,979	7,023	(NA)	24,298
Heating, plumbing equip. dealers	6,564	4,467	4,648	3,86	(NA)	2,421
Paint, glass, hardware stores	11,155	740	11,617	882	(NA)	8,700
Electrical supply stores	1,984	87	1,502	120	(NA)	827
Hardware stores	34,670	2,717	29,505	2,860	27,182	19,339
Farm equipment dealers	19,008	3,186	16,362	3,626	16,739	13,342
General merchandise group stores	87,182	21,971	62,063	30,003	67,307	51,770
Department stores	3,457	13,359	4,251	20,538	5,792	5,792
Variety stores	21,017	3,621	22,378	4,538	21,046	19,028
Miscellaneous general merchandise stores	62,708	4,091	35,434	4,927	40,489	26,960
Food stores ³	356,754	49,225	319,433	57,079	294,243	171,700
Grocery stores, including delicatessens	259,796	43,696	244,838	52,566	218,130	128,675
Meat markets	23,844	2,327	16,457	1,530	{ 17,943 } (NA)	9,243
Fish (seafood) markets	4,339	194	3,630	176	{ 17,943 } (NA)	1,798
Fruit stores, vegetable markets	12,089	505	8,874	412	8,890	3,222
Candy, nut, confectionery stores	17,593	528	14,979	499	13,981	6,284
Retail bakeries	10,235	605	18,631	1,080	19,598	15,711
Automotive dealers	93,585	31,905	98,514	45,376	105,500	76,887
Motor vehicle dealers	63,586	28,309	61,338	40,462	62,023	44,400
New and used cars	38,656	25,328	33,349	37,375	(NA)	32,898
Used cars only	25,331	2,983	27,984	3,087	(NA)	11,502
Tire, battery, accessory dealers ⁴	20,912	2,425	26,899	3,338	29,189	22,521
Miscellaneous automotive dealers	8,858	1,073	11,282	1,579	14,288	9,966
Gasoline service stations	206,755	14,228	211,473	17,760	216,059	165,196
Apparel, accessory stores ³	119,252	12,569	116,223	14,040	110,164	91,430
Women's ready-to-wear stores	(NA)	(NA)	29,696	4,428	31,583	27,792
Women's accessory, specialty stores	(NA)	4,909	12,466	976	10,297	7,043
Furriers and fur shops	(2)	(2)	2,250	189	2,343	1,313
Other apparel and accessory stores	(NA)	(NA)	71,811	8,448	65,841	54,682
Men's, boys' clothing, furnishings stores ⁵	(NA)	(NA)	19,423	2,804	(NA)	16,681
Furniture, homefurnishings, equipment ³	103,745	10,110	93,649	10,926	98,826	71,264
Furniture, homefurnishings stores	54,458	5,989	54,889	6,826	55,207	39,860
Household appliance stores	24,224	2,544	20,320	2,387	20,806	15,683
Radio, television stores	16,761	956	10,365	908	9,701	6,020
Musik stores	7,074	588	8,075	715	{ 22,813 } (NA)	6,020
Eating, drinking places	346,245	15,290	334,481	18,412	347,890	271,182
Eating places	229,815	11,038	223,876	13,919	236,563	189,418
Drinking places (alcoholic beverages)	114,925	4,164	110,605	4,493	111,327	81,764
Drug stores, proprietary stores	56,379	6,803	54,732	8,487	53,722	49,079
Drug stores	51,448	6,531	50,318	8,171	(NA)	46,244
Proprietary stores	4,784	248	4,414	316	(NA)	2,835
Miscellaneous retail stores	241,144	18,525	244,868	21,809	288,772	158,129
Liquor stores	37,098	4,202	40,188	5,189	39,719	31,039
Antique stores, secondhand stores	21,155	640	25,797	903	27,267	11,496
Sporting goods stores, bicycle shops	11,582	624	12,809	762	16,043	8,349
Jewelry stores	23,751	1,495	20,935	1,560	23,689	14,626
Fuel, ice dealers	28,559	3,473	24,956	3,401	22,258	16,596
Florists	19,176	638	19,801	780	22,451	14,587
Cigar stores, stands	5,336	233	4,899	275	5,560	2,852
Other miscellaneous retail stores ³	94,547	7,220	95,483	8,438	131,785	58,584
Book, stationery stores	5,418	679	8,821	719	(NA)	6,905
Hay, grain, feed stores	16,782	3,117	13,926	3,340	(NA)	11,625
Other farm, garden supply stores	8,069	628	11,247	1,628	(NA)	9,880
News dealers, newsstands	7,539	285	6,388	310	(NA)	2,828
Camera, photographic supply	3,491	382	3,308	379	(NA)	2,767
Nonstore retailers	75,024	5,413	79,792	6,204	94,468	15,900
Mail-order houses	2,550	1,086	4,296	2,379	5,948	4,430
Merchandising machine operators	8,182	842	9,363	1,452	10,888	4,478
Direct selling establishments	63,977	2,574	66,223	2,373	77,632	6,991

¹ Week including Mar. 12. ² Unincorporated businesses.³ Group totals includes kinds of business not shown separately.

AND 1967, AND PAYROLL AND PERSONNEL, 1967, BY KIND OF BUSINESS
ness details exclude Alaska and Hawaii]

1967—Continued						KIND OF BUSINESS
SALES		PAYROLL		Paid employees ¹	Active proprietors ²	
All estab- lishments	Estab- lishments with pay- roll	Entire year	First quarter			
Mil. dol. 310,214	Mil. dol. 295,170	\$1,000 36,174,723	\$1,000 8,811,937	9,380,616	1,624,451	
17,200	16,644	2,027,127	487,236	406,134	70,052	Retail trade, total.
9,555	9,381	1,262,296	301,177	235,118	29,171	Building materials, hardware, farm equipment dealers.
(NA)	7,864	1,023,271	242,444	188,715	(NA)	Building materials, supply stores.
(NA)	840	56,241	14,020	10,554	(NA)	Lumber, other building materials dealers.
(NA)	1,019	159,925	38,847	31,287	(NA)	Heating, plumbing equip. dealers.
(NA)	158	22,859	5,857	4,592	(NA)	Paint, glass, wallpaper stores.
2,813	2,556	336,233	82,647	82,035	25,993	Electrical supply stores.
4,832	4,708	428,548	103,412	88,981	14,888	Hardware stores.
43,537	43,127	6,160,279	1,445,494	1,646,549	49,688	Farm equipment dealers.
32,344	32,344	4,673,425	1,085,926	1,174,351	1,051	General merchandise group stores.
5,407	5,348	837,005	200,405	238,348	11,998	Department stores.
5,786	5,435	649,849	150,163	180,850	36,639	Variety stores.
70,251	66,941	5,542,793	1,358,887	1,444,469	278,837	Miscellaneous general merchandise stores.
85,073	61,771	4,897,488	1,194,337	1,241,767	204,327	Food stores. ³
1,831	1,833	141,714	36,473	34,698	{	Grocery stores, including delicatessens.
	178	10,142	5,170	5,918	{	Meat markets.
448	324	32,566	7,705	9,131	{	Fish (seafood) markets.
541	369	55,037	15,173	21,341	{	Fruit stores, vegetable markets.
1,340	1,249	293,514	73,921	98,524	{	Candy, nut, confectionery stores.
55,631	54,597	5,256,532	1,285,935	906,594	{	Retail bakeries.
48,936	47,913	4,416,409	1,115,563	734,820	{	Automotive dealers.
(NA)	45,480	4,281,709	1,069,081	696,207	{	Motor-vehicle dealers.
(NA)	2,438	184,790	46,492	38,558	{	New and used cars.
4,236	4,044	604,432	128,407	135,630	{	Used cars only.
2,760	2,640	235,601	51,584	42,207	{	Tire, battery, accessory dealers. ⁴
					{	Miscellaneous automotive dealers.
22,709	20,589	1,897,712	481,612	575,207	225,124	Gasoline service stations.
16,672	16,223	2,387,133	581,272	658,676	83,030	Apparel, accessory stores. ³
5,380	5,288	793,035	195,078	236,217	25,007	Women's ready-to-wear stores.
910	868	120,088	29,623	38,050	8,164	Women's accessory, specialty stores.
227	204	34,915	8,643	6,458	1,984	Furriers and fur shops.
10,156	9,862	1,439,115	349,928	377,951	47,875	Other apparel and accessory stores.
(NA)	3,385	520,787	124,606	114,551	(NA)	Men's, boys' clothing, furnishing stores. ⁵
14,542	13,824	2,042,063	483,789	406,221	81,151	Furniture, homefurnishings equipment.
8,525	8,116	1,272,969	293,289	250,019	46,203	Furniture, home furnishings stores.
3,014	2,877	402,134	101,630	81,114	15,045	Household appliance stores.
(NA)	1,019	235,109	56,266	40,376	(NA)	Radio, television stores.
(NA)	913	131,861	32,605	28,712	(NA)	Music stores.
23,843	22,219	5,394,055	1,356,552	2,032,631	346,879	Eating, drinking places.
18,879	17,955	4,554,918	1,131,794	1,738,693	232,709	Eating places.
4,904	4,263	839,137	224,758	205,938	114,110	Drinking places (alcoholic beverages).
10,930	10,713	1,511,821	369,401	409,209	41,158	Drug stores, proprietary stores.
(NA)	10,288	1,467,196	357,969	395,050	(NA)	Drug stores.
(NA)	425	44,625	11,432	14,150	(NA)	Proprietary stores.
27,274	24,507	2,794,450	692,903	648,782	267,712	Miscellaneous retail stores.
6,603	6,209	415,855	104,142	102,079	34,430	Liquor stores.
903	778	143,084	36,831	37,763	27,025	Antique stores, secondhand stores.
1,173	1,009	121,728	28,561	27,509	15,859	Sporting goods stores, bicycle shops.
2,207	2,018	328,718	77,637	67,791	20,395	Jewelry stores.
3,598	3,447	532,009	140,444	101,227	16,351	Fuel, ice dealers.
1,102	972	189,630	47,678	57,277	23,428	Florists.
352	282	29,660	7,754	8,880	5,080	Cigar stores, stands.
11,186	9,793	1,033,676	249,866	246,297	125,194	Other miscellaneous retail stores. ³
(NA)	822	122,384	30,968	34,605	(NA)	Book, stationery stores.
(NA)	3,845	255,007	62,219	63,731	(NA)	Hay, grain, feed stores.
(NA)	2,474	234,143	54,081	51,783	(NA)	Other farm, garden supply stores.
(NA)	260	28,062	7,787	10,989	(NA)	News dealers, newsstands.
(NA)	462	58,351	13,853	12,182	(NA)	Camera, photographic supply.
7,623	6,687	1,160,758	268,886	246,144	95,046	Nonstore retailers.
3,084	3,061	558,405	128,024	126,685	2,885	Mail-order houses.
2,045	1,907	272,281	65,563	51,820	10,100	Merchandising machine operators.
2,404	1,719	330,012	75,299	67,630	82,081	Direct selling establishments.

⁴ For 1963 and 1967, includes home and auto supply stores.⁵ Excludes custom tailors.

No. 1179. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1958, 1963,

STATE	1958				1963			
	Establishments		Sales		All establishments		Establishments with payroll	
	Number	With payroll	All establish- ments	Establish- ments with payroll	Number	Sales	Number	Sales
			Mil. dol.	Mil. dol.		Mil. dol.		Mil. dol.
U.S.	1,794,744	1,185,036	200,365	187,768	1,707,931	244,202	1,206,087	233,085
N.E.	112,701	75,001	12,452	11,632	102,713	15,088	73,673	14,384
Maine	11,236	7,736	1,031	959	10,093	1,185	7,521	1,135
N.H.	7,387	5,026	704	654	7,045	882	5,105	888
Vt.	4,778	3,252	443	408	4,561	555	3,275	505
Mass.	52,484	36,408	6,242	5,877	47,192	7,431	34,450	7,118
R.I.	9,777	5,837	929	852	8,821	1,126	5,763	1,061
Conn.	27,020	17,743	3,103	2,882	25,001	3,929	17,559	3,726
M.A.	372,404	235,575	40,390	37,402	336,700	46,948	229,482	44,353
N.Y.	183,173	119,273	20,793	19,336	164,480	23,977	114,414	22,693
N.J.	68,377	42,261	7,275	6,672	62,630	9,060	42,898	8,539
Pa.	120,864	74,044	12,322	11,394	109,590	13,911	72,170	13,121
E.N.C.	355,588	244,372	42,177	39,848	333,723	50,611	240,384	48,548
Ohio	90,354	62,094	10,857	10,279	84,346	12,905	61,888	12,412
Ind.	45,904	32,408	5,177	4,906	43,281	6,476	32,214	6,245
Ill.	98,978	66,031	12,790	12,074	92,080	15,190	63,997	14,564
Mich.	72,370	52,291	8,898	8,471	69,758	10,855	51,568	10,431
Wis.	47,028	30,948	4,455	4,110	44,289	5,185	30,717	4,007
W.N.C.	173,959	120,641	18,208	17,141	158,275	21,054	118,097	20,196
Minn.	34,666	24,572	3,976	3,767	32,487	4,541	23,867	4,341
Iowa	33,498	23,994	3,367	3,185	30,915	3,888	23,123	3,721
Mo.	47,825	30,819	5,150	4,810	42,304	5,946	30,868	5,690
N. Dak.	7,404	5,255	763	719	6,602	871	5,194	840
S. Dak.	8,758	6,116	772	718	7,657	878	6,007	842
Nebr.	10,819	12,093	1,730	1,633	16,057	2,096	11,897	2,002
Kans.	24,989	17,789	2,449	2,309	22,183	2,837	17,641	2,750
S.A.	237,353	152,021	25,493	23,851	239,167	32,365	161,242	30,775
Del.	4,024	3,180	583	553	4,456	713	3,258	686
Md.	26,150	17,422	3,320	3,144	23,901	4,237	17,795	4,106
D.C.	6,325	5,103	1,304	1,279	5,396	1,418	4,874	1,401
Va.	32,991	22,257	3,721	3,511	32,206	4,790	22,612	4,589
W. Va.	19,180	11,432	1,907	1,474	16,915	1,779	10,689	1,667
N.C.	41,296	25,208	3,837	3,530	43,857	4,975	27,009	4,628
S.C.	21,788	12,900	1,747	1,587	22,156	2,273	13,644	2,097
Ga.	35,452	21,664	3,528	3,259	36,987	4,570	23,568	4,293
Fla.	40,547	32,857	5,840	5,514	53,298	7,610	37,703	7,310
E.S.C.	108,000	65,106	9,829	8,963	111,565	12,351	69,463	11,415
Ky.	29,707	17,291	2,581	2,324	30,107	3,174	18,213	2,914
Tenn.	32,925	20,361	3,199	2,952	33,226	4,000	21,404	3,743
Ala.	26,893	16,517	2,567	2,351	29,065	3,253	18,039	3,009
Miss.	18,475	10,037	1,482	1,330	19,187	1,914	11,797	1,750
W.S.C.	174,484	112,458	17,670	16,471	162,262	20,991	117,374	20,114
Ark.	20,159	11,881	1,837	1,377	18,273	1,984	12,739	1,869
La.	20,260	17,714	2,940	2,714	24,609	3,391	17,961	3,258
Okla.	25,972	16,584	2,401	2,216	22,974	2,900	17,294	2,779
Tex.	99,003	66,279	10,793	10,164	96,406	12,715	69,380	12,208
Mt.	66,927	47,663	7,924	7,533	69,263	10,147	51,949	9,791
Mont.	8,261	6,043	863	816	7,797	966	5,033	927
Idaho	7,546	5,286	818	770	7,311	947	5,363	902
Wyo.	3,930	3,044	416	398	4,004	486	3,018	407
Colo.	16,543	11,037	2,105	2,013	17,294	2,649	13,028	2,500
N. Mex.	8,735	5,917	978	917	9,044	1,166	6,512	1,120
Ariz.	11,463	7,907	1,412	1,343	12,876	2,016	9,538	1,950
Utah	7,391	5,325	920	886	7,363	1,210	5,733	1,176
Nev.	3,058	2,204	408	391	3,574	707	2,774	689
Pac.	193,378	132,196	26,222	24,927	194,263	34,646	144,433	33,507
Wash.	27,812	18,042	3,419	3,219	26,430	4,043	19,516	3,886
Oreg.	18,056	12,670	2,137	2,024	17,276	2,679	12,980	2,582
Calif.	141,291	96,189	19,048	19,006	144,372	26,880	107,312	26,037
Alaska	1,659	1,265	202	193	1,607	284	1,271	277
Hawaii	4,760	3,130	516	486	4,578	751	3,354	726

¹ Workweek ended nearest Nov. 16.² Week including Mar. 12.³ Unincorporated businesses.

AND 1967, AND PAYROLL AND PERSONNEL, 1963 AND 1967, BY STATES

1963—Con		1967							STATE
Paid employ- ees ¹	All establishments		Establishments with payroll						STATE
	Number	Sales	Number	Sales	Payroll, entire year	Payroll, 1st quarter	Paid employ- ees ²	Active proprie- tors ³	
8,410,199	1,763,324	Mil. dol. 310,214	1,191,546	Mil. dol. 295,170	Mil. dol. 36,175	Mil. dol. 8,812	9,380,616	1,624,451	U.S.
53,996	102,579	18,952	71,453	18,101	2,304	556	593,767	83,646	N.E.
39,320	10,331	1,471	7,035	1,400	157	38	41,102	9,177	Maine.
29,113	7,167	1,180	5,092	1,182	123	31	33,534	6,239	N.H.
16,920	4,616	708	3,242	676	75	18	19,516	3,944	Vt.
280,470	46,850	9,167	33,178	8,780	1,170	283	308,557	35,822	Mass.
39,056	8,341	1,382	5,558	1,313	167	41	44,259	7,088	R.I.
128,508	25,274	5,043	17,348	4,800	607	146	146,799	21,376	Conn.
1,652,604	329,908	57,951	217,745	54,819	6,988	1,719	1,738,940	295,557	M.A.
858,723	162,194	29,091	109,732	27,553	3,676	907	877,834	137,172	N.Y.
298,038	61,321	11,362	41,015	10,792	1,305	323	321,351	55,308	N.J.
405,843	106,393	17,497	66,908	16,473	2,007	489	539,754	103,187	Pa.
1,724,629	321,438	64,625	229,039	62,317	7,583	1,811	1,946,350	293,334	E.N.C.
446,161	81,199	16,295	50,260	15,790	1,937	465	498,887	70,687	Ohio.
223,451	42,395	8,329	30,627	8,058	954	220	254,086	38,221	Ind.
524,183	89,208	19,262	62,247	18,566	2,367	560	582,504	82,508	Ill.
840,031	63,560	14,114	46,921	13,687	1,553	370	397,602	60,280	Mich.
191,003	45,072	6,684	29,955	6,235	771	187	214,691	41,681	Wis.
724,468	167,037	26,591	115,233	25,173	2,905	707	806,355	155,949	W.N.C.
163,185	32,886	5,980	23,286	5,689	601	164	189,338	29,707	Minn.
128,026	31,338	5,017	22,376	4,798	500	125	145,224	29,435	Iowa.
211,921	45,630	7,561	29,862	7,125	870	213	230,055	42,793	Mo.
26,935	7,138	1,001	5,030	940	104	26	28,821	6,610	N. Dak.
29,111	8,183	1,028	5,819	973	103	25	30,382	7,482	S. Dak.
70,353	16,907	2,555	11,833	2,412	267	65	77,249	15,906	Nebr.
94,937	24,990	3,447	17,027	3,235	302	90	105,286	24,016	Kans.
1,145,861	248,533	42,789	165,254	40,606	4,892	1,199	1,341,417	220,762	S.A.
24,605	4,084	917	3,181	891	110	27	27,982	3,291	Del.
167,289	25,009	5,805	17,524	5,607	701	168	183,552	21,347	Md.
60,195	4,875	1,603	4,157	1,581	240	58	58,742	3,506	D.C.
172,189	32,315	6,160	22,445	5,928	709	173	194,802	28,218	Va.
61,083	15,582	2,107	9,912	1,993	230	57	64,125	14,510	W. Va.
169,698	45,447	6,648	27,963	6,110	707	173	196,412	42,952	N.C.
77,354	23,502	3,104	13,902	2,831	307	75	91,537	22,300	S.C.
156,696	38,992	6,175	25,558	5,820	688	167	189,885	36,074	Ga.
266,762	58,727	10,280	40,612	9,837	1,200	301	334,330	48,564	Fla.
415,230	112,505	15,109	71,235	14,803	1,626	404	478,321	111,459	E.S.C.
102,231	28,987	3,983	17,787	3,702	414	103	120,554	28,715	Ky.
187,481	34,273	5,283	22,299	4,974	551	136	160,714	34,600	Tenn.
110,349	28,752	4,120	18,655	3,838	423	108	126,083	27,705	Ala.
62,169	20,543	2,524	12,494	2,288	238	60	70,970	20,379	Miss.
729,259	191,250	27,391	120,201	25,555	2,911	729	842,699	184,439	W.S.C.
64,035	21,130	2,535	12,894	2,314	233	61	72,781	21,492	Ark.
110,920	30,597	4,760	18,543	4,403	507	129	145,314	28,608	La.
97,708	28,718	3,648	17,446	3,335	366	94	110,871	28,373	Oklahoma.
447,596	110,805	16,449	71,318	15,504	1,805	446	513,733	105,966	Tex.
351,194	74,589	12,210	52,474	11,685	1,422	349	380,660	69,331	Mt.
31,493	7,454	1,137	5,778	1,091	128	31	33,333	6,877	Mont.
30,256	7,628	1,149	5,208	1,085	125	31	33,480	7,044	Idaho.
16,814	4,140	520	2,911	490	56	14	16,075	3,928	Wyo.
94,208	19,791	3,281	13,288	3,187	388	94	104,529	18,450	Colo.
40,732	9,358	1,360	6,655	1,296	151	38	43,737	8,937	N. Mex.
71,562	14,270	2,478	9,933	2,368	203	73	77,433	13,062	Ariz.
44,245	7,844	1,390	5,665	1,349	166	40	47,442	7,119	Utah.
21,884	4,104	894	3,036	869	116	28	24,681	3,914	Nev.
1,132,758	215,485	43,797	148,912	42,111	5,542	1,337	1,252,107	209,974	Pac.
132,323	27,104	5,466	19,405	5,277	674	101	164,163	26,228	Wash.
90,182	18,836	3,347	12,853	3,198	402	97	97,610	18,712	Oreg.
863,375	162,376	33,408	111,779	32,207	4,283	1,031	950,120	159,701	Calif.
8,033	1,957	403	1,338	389	55	12	8,877	1,925	Alaska.
33,845	5,212	1,083	3,537	1,042	148	35	41,347	4,408	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. II; 1967, Vol. II.

No. 1180. RETAIL TRADE—ESTABLISHMENTS AND

STATE	TOTAL		BUILDING MATERIALS, HARDWARE, FARM EQUIP- MENT DEALERS		GENERAL MERCANDISE GROUP STORES		FOOD STORES		AUTOMOTIVE DEALERS		GASOLINE SERVICE STATIONS	
			Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales
		Mil. dol.			Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.	
U.S.	1,763,324	310,214	86,373	17,200	67,307	43,537	294,243	70,251	105,500	55,631	216,059	22,709
N.E.	102,579	18,952	4,246	897	4,255	2,603	16,369	4,511	5,679	3,104	10,034	1,192
Maine	10,331	1,471	527	94	628	180	2,109	377	814	286	1,113	102
N.H.	7,167	1,180	380	72	351	126	1,100	306	497	214	753	79
Vt.	4,016	708	289	60	264	73	798	167	316	132	531	48
Mass.	46,850	9,187	1,797	386	1,913	1,309	7,228	2,128	2,359	1,403	4,318	545
R.I.	8,341	1,382	277	60	320	206	1,341	324	437	217	827	85
Conn.	25,274	6,043	996	225	779	709	3,708	1,209	1,256	853	2,492	333
M.A.	329,908	57,951	12,413	2,204	9,777	8,607	63,219	14,032	14,112	8,546	28,063	3,237
N.Y.	162,194	29,091	5,886	1,016	4,690	4,354	31,780	7,102	5,730	3,747	11,537	1,998
N.J.	61,321	11,362	2,222	422	1,789	1,680	10,094	2,834	2,581	1,722	5,908	717
Pa.	106,303	17,497	4,305	787	3,298	2,573	20,445	4,096	5,801	3,077	10,618	1,122
E.N.C.	321,438	64,625	18,661	3,865	10,861	9,530	47,747	14,392	18,496	11,716	39,481	4,797
Ohio	81,199	16,295	4,185	816	2,551	2,750	13,289	3,776	4,820	3,024	10,720	1,531
Ind.	42,395	8,829	2,801	556	1,578	1,188	5,423	1,794	3,011	1,571	5,877	673
Ill.	89,203	19,252	5,030	1,148	3,191	2,657	12,586	4,025	4,420	3,205	9,616	1,261
Mich.	63,569	14,114	3,652	777	2,004	2,149	10,752	3,352	3,949	2,812	8,112	1,051
Wis.	45,072	6,634	3,013	538	1,537	841	5,697	1,445	2,298	1,134	5,156	476
W.N.C.	167,037	26,591	14,739	2,752	7,082	3,230	20,450	5,211	10,486	4,675	22,917	2,204
Minn.	32,880	5,980	3,103	584	1,333	820	4,498	1,143	1,873	1,016	4,261	467
Iowa	31,838	5,017	3,228	645	1,354	527	3,340	932	1,860	816	4,279	392
Mo.	45,636	7,561	2,801	507	2,076	1,034	6,539	1,588	3,008	1,355	6,431	624
N. Dak.	7,188	1,001	1,016	107	349	97	864	174	425	190	925	80
S. Dak.	8,133	1,028	388	168	307	95	857	185	477	184	1,189	92
Nebr.	16,907	2,555	1,679	318	652	288	1,832	477	1,031	425	2,218	220
Kans.	24,900	3,447	1,974	333	921	369	2,620	712	1,814	689	3,664	320
S.A.	248,533	42,788	9,873	2,134	11,790	5,953	50,146	9,658	16,634	8,284	34,640	3,297
Del.	4,084	917	178	30	158	170	588	193	268	166	525	58
Md.	25,009	5,805	901	212	904	958	4,689	1,351	1,384	1,032	2,758	400
D.C.	4,875	1,603	109	30	117	227	771	247	145	201	344	80
Va.	32,315	6,150	3,119	309	1,948	929	6,819	1,456	2,135	1,175	4,390	473
W. Va.	15,582	2,107	677	111	971	320	8,617	545	1,023	403	2,050	163
N.C.	46,447	6,648	1,789	427	2,483	777	10,401	1,453	3,179	1,370	7,010	564
S.C.	23,502	3,104	876	206	1,174	369	5,798	741	1,742	612	3,374	272
Ga.	38,902	6,175	1,632	364	1,900	820	8,400	1,350	2,930	1,226	5,986	523
Fla.	58,727	10,280	2,392	436	2,126	1,383	9,002	2,322	3,768	2,099	8,194	764
E.S.C.	112,505	15,909	5,190	1,087	6,640	2,005	26,260	3,692	8,267	3,248	15,370	1,308
Ky.	28,937	3,983	1,453	272	1,528	491	6,942	935	2,044	760	3,799	343
Tenn.	34,273	5,283	1,537	349	1,988	724	7,377	1,176	2,450	1,064	4,633	432
Ala.	28,762	4,120	1,268	242	1,818	540	6,647	981	2,229	890	4,238	323
Miss.	20,543	2,524	937	224	1,326	250	5,294	600	1,544	634	2,700	210
W.S.C.	191,250	27,391	9,015	1,681	7,834	3,807	32,978	6,122	14,321	5,627	27,846	2,209
Ark.	21,138	2,535	1,132	247	1,130	237	4,565	583	1,873	540	3,008	206
La.	30,597	4,760	1,311	292	1,350	687	6,922	1,181	1,704	883	3,790	338
Okla.	28,718	3,648	1,561	239	1,232	517	3,940	806	2,282	722	4,416	324
Tex.	110,805	16,440	5,011	903	4,113	2,366	17,551	3,572	8,662	3,476	16,632	1,341
Mt.	74,589	12,210	3,986	817	2,302	1,508	8,310	2,667	4,894	2,415	11,569	1,108
Mont.	7,454	1,137	630	128	306	105	857	248	511	230	1,006	102
Idaho	7,628	1,149	563	144	312	106	886	236	583	229	1,119	92
Wyo.	4,140	520	264	40	183	46	404	114	270	99	711	64
Colo.	19,701	3,281	1,006	210	685	457	1,970	694	1,229	634	2,845	257
N. Mex.	9,368	1,350	416	75	466	163	1,127	291	614	284	1,688	135
Ariz.	14,270	2,473	533	112	520	343	1,702	578	888	486	2,176	233
Utah	7,844	1,309	361	74	312	178	940	305	533	283	1,350	126
Nev.	4,104	894	154	34	118	110	364	201	266	170	672	99
Pac.	215,485	43,797	8,250	1,759	6,166	6,296	28,764	9,969	12,611	7,985	26,139	3,358
Wash.	27,104	5,466	1,420	327	847	767	3,703	1,236	1,010	1,012	3,643	416
Oreg.	18,836	3,347	1,060	190	617	449	2,554	740	1,289	678	2,698	284
Calif.	162,376	33,498	5,002	1,181	4,265	4,824	21,448	7,047	9,147	6,083	19,179	2,581
Alaska	1,957	403	91	25	168	89	212	91	106	58	162	24
Hawaii	5,212	1,083	68	26	279	187	855	255	169	164	457	73

SALES, BY KIND OF BUSINESS, BY STATES: 1967

APPAREL, ACCESSORY STORES		FURNITURE, HOME FUR- NISHINGS, EQUIPMENT STORES		EATING, DRINKING PLACES		DRUG STORES, PROPRI- ETARY STORES		MISCEL- LANEOUS RETAIL STORES		NONSTORE RETAILERS		STATE
Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	Establish- ments	Sales	
Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	
110,164	16,672	98,826	14,542	347,890	23,843	53,722	10,930	288,772	27,274	94,468	7,623	U.S.
6,674	1,106	6,017	912	18,790	1,407	3,682	589	22,107	2,167	4,726	461	N.E.
568	64	517	53	1,488	70	264	38	1,942	176	411	28	Maine.
436	56	418	43	1,148	68	171	25	1,496	168	348	23	N.H.
247	28	231	24	664	37	118	16	983	111	180	14	Vt.
3,147	568	2,760	460	9,078	777	1,973	204	10,068	1,031	2,224	265	Mass.
478	92	401	68	1,871	105	289	53	1,668	137	347	36	R.I.
1,804	298	1,610	264	4,591	350	867	183	6,955	544	1,216	96	Conn.
26,703	4,016	18,223	2,896	72,990	5,337	10,478	1,675	58,375	5,658	15,655	1,742	M.A.
14,400	2,303	9,078	1,490	35,776	3,004	5,207	845	30,544	3,012	7,566	821	N.Y.
4,808	713	3,379	556	13,709	986	1,833	319	11,190	1,080	2,908	333	N.J.
7,495	1,000	5,766	850	23,505	1,347	3,438	511	16,641	1,566	5,081	588	Pa.
18,695	3,171	18,348	3,029	74,030	5,048	9,955	2,817	48,211	4,778	16,853	1,951	E.N.C.
4,316	648	4,746	738	17,808	1,250	2,496	541	11,811	1,113	4,477	303	Ohio.
2,386	339	2,687	378	7,850	599	1,372	618	6,985	693	2,425	246	Ind.
6,240	1,159	4,822	916	21,544	1,592	2,868	741	14,241	1,560	4,645	988	Ill.
3,624	716	3,828	684	13,297	993	2,146	522	8,787	803	3,438	254	Mich.
2,129	309	2,265	313	13,631	614	1,073	195	6,407	609	1,968	160	W.Ils.
8,322	1,138	8,804	1,099	32,427	1,802	5,016	909	27,604	2,840	9,190	729	W.N.C.
1,607	252	1,788	263	6,621	433	936	192	5,184	547	1,702	263	Minn.
1,561	192	1,703	196	6,041	301	851	150	5,360	782	1,761	85	Iowa.
2,367	351	2,342	316	8,850	521	1,467	292	7,513	700	2,244	264	Mo.
326	44	293	36	1,598	68	196	35	899	69	247	11	N. Dak.
417	49	423	37	1,557	66	246	41	1,333	100	349	10	Nebr.
829	107	855	111	3,415	184	558	82	2,955	301	883	34	Kans.
2,125	143	1,400	140	4,345	229	762	117	4,380	332	2,004	62	
15,314	2,261	14,238	2,039	38,218	2,845	7,373	1,676	37,611	3,790	12,696	855	S.A.
265	46	237	46	720	59	125	26	870	101	150	14	Del.
1,556	296	1,244	236	5,076	443	832	246	4,073	487	1,592	146	Md.
440	126	250	101	1,289	209	232	101	1,058	245	140	33	D.C.
1,735	308	1,817	280	4,895	358	943	250	4,769	518	1,545	97	Va.
777	111	818	108	3,014	113	402	73	1,685	124	539	36	W. Va.
2,682	365	2,636	344	5,451	339	1,154	230	6,197	612	2,465	168	N.C.
1,410	168	1,255	160	2,011	149	710	106	3,331	258	920	63	S.C.
2,271	326	2,385	284	4,696	358	1,247	214	5,497	562	1,919	148	Ga.
4,178	515	3,596	482	10,186	817	1,728	430	10,131	885	3,426	147	Fla.
6,305	820	6,169	748	15,167	823	3,563	568	14,572	1,266	5,002	345	E.S.C.
1,465	188	1,484	177	4,160	260	881	161	4,082	322	1,149	83	Ky.
1,969	258	1,005	251	4,969	275	1,094	189	4,509	410	1,862	156	Tenn.
1,749	222	1,711	212	3,523	195	963	138	3,440	316	1,171	62	Ala.
1,122	152	1,069	108	2,515	102	675	80	2,541	218	820	44	Miss.
10,083	1,433	9,593	1,213	33,768	1,677	5,607	912	28,168	2,165	12,037	541	W.S.C.
1,151	128	1,018	104	3,021	111	567	79	2,894	971	49	49	Ark.
1,607	261	1,465	223	6,020	323	959	163	3,833	292	1,627	116	La.
1,582	187	1,389	154	5,145	219	914	117	4,486	298	1,771	63	Okla.
5,743	857	5,721	732	19,582	1,024	3,167	553	16,055	1,310	7,668	314	Tex.
3,967	537	3,973	535	15,481	947	2,264	533	12,690	954	4,553	189	Mt.
361	47	324	43	1,022	66	257	45	984	80	293	14	Mont.
320	37	395	47	1,684	76	219	47	1,159	121	388	13	Idaho.
229	22	221	19	770	42	126	22	713	42	249	9	Wyo.
1,034	143	1,189	150	3,790	260	608	130	3,739	281	1,686	65	Colo.
532	60	438	56	1,772	99	275	52	1,652	111	379	24	N. Mex.
752	107	700	108	3,088	204	404	112	2,613	157	745	34	Ariz.
424	60	462	78	1,403	87	256	84	1,163	106	580	19	Utah.
315	52	204	34	992	83	119	41	667	58	233	12	Nev.
14,101	2,190	18,461	2,072	47,019	3,954	5,784	1,754	39,434	3,655	13,756	808	Pac.
1,422	210	1,547	238	5,388	430	910	210	4,582	508	1,752	111	Wash.
850	130	1,021	140	3,726	254	513	116	3,277	312	1,222	74	Orag.
11,319	1,769	10,545	1,638	36,135	3,076	4,223	1,370	30,128	2,720	10,390	598	Calif.
107	14	74	15	615	47	37	17	402	36	93	8	Alaska.
403	67	274	41	1,255	144	101	41	1,065	79	299	18	Hawaii.

Distribution and Services

No. 1181. WHOLESALE ESTABLISHMENTS—

STATE	1963							
	Total wholesale trade				Merchant wholesalers		Manufacturers' sales branches, sales offices	
	Establishments	Sales	Payroll, entire year	Paid em- ployees ¹	Establishments	Sales	Establishments	Sales
United States.....	308,177	Mil. dol. 358,386	Mil. dol. 18,101	3,088,706	208,997	Mil. dol. 157,392	28,884	Mil. dol. 116,443
New England.....								
Maine.....	16,685	16,816	1,018	171,963	12,878	8,418	1,640	4,907
New Hampshire.....	1,495	980	63	13,100	1,088	539	107	158
Vermont.....	704	505	35	6,636	603	305	63	100
Massachusetts.....	482	204	18	3,700	334	152	35	22
Rhode Island.....	8,730	10,392	582	94,635	6,729	4,855	929	3,463
Connecticut.....	1,436	1,199	77	13,809	1,207	695	116	278
	8,748	3,476	244	40,174	2,917	1,872	390	888
Middle Atlantic.....	66,576	97,020	4,499	701,341	52,343	44,236	5,632	33,600
New York.....	40,160	66,208	2,777	412,175	32,096	30,426	2,033	21,873
New Jersey.....	9,626	12,769	709	113,104	7,731	6,057	875	4,807
Pennsylvania.....	18,790	18,044	1,013	176,062	12,516	7,753	1,824	6,920
East North Central.....	58,621	\$ 73,351	\$ 3,704	602,707	37,697	28,075	6,220	\$ 28,463
Ohio.....	14,299	18,208	941	152,668	9,549	6,734	1,860	7,808
Indiana.....	7,257	6,452	365	64,860	4,303	2,731	614	1,675
Illinois.....	18,691	29,262	1,384	216,186	11,988	10,848	2,037	11,414
Michigan.....	11,635	14,055	711	113,845	7,771	5,224	1,158	5,929
Wisconsin.....	6,740	5,502	313	55,148	4,088	2,538	551	1,714
West North Central.....	33,236	34,408	1,513	271,854	16,093	13,434	2,471	8,941
Minnesota.....	8,853	8,390	385	65,699	3,545	3,449	582	2,190
Iowa.....	6,025	4,724	206	40,260	2,577	1,751	320	632
Missouri.....	8,642	12,307	548	91,695	5,239	4,852	1,041	4,805
North Dakota.....	2,055	1,220	49	9,786	521	306	64	164
South Dakota.....	1,740	975	42	9,126	557	278	47	46
Nebraska.....	3,199	3,403	129	25,294	1,471	1,180	201	626
Kansas.....	4,642	3,390	153	29,988	2,183	1,558	216	479
South Atlantic.....	36,531	37,968	2,032	396,369	24,955	15,729	3,715	12,688
Delaware.....	505	1,090	57	8,193	384	259	75	621
Maryland.....	3,658	4,474	248	44,104	2,646	1,853	408	1,680
District of Columbia.....	1,184	2,059	129	19,407	862	887	200	905
Virginia.....	4,317	4,376	248	50,754	2,876	2,004	411	1,083
West Virginia.....	2,028	1,396	93	18,615	1,517	763	173	238
North Carolina.....	6,615	6,983	323	87,146	4,232	2,518	687	2,204
South Carolina.....	2,738	1,993	108	23,464	1,839	1,062	185	213
Georgia.....	6,530	8,100	388	72,319	4,079	2,670	934	3,766
Florida.....	8,896	7,487	441	92,867	6,520	3,711	742	1,926
East South Central.....	15,211	15,070	732	150,520	10,240	7,516	1,193	3,476
Kentucky.....	3,632	3,211	167	34,987	2,424	1,510	204	607
Tennessee.....	5,100	6,677	293	57,515	3,484	3,335	520	1,861
Alabama.....	3,935	3,395	184	38,115	2,668	1,669	360	874
Mississippi.....	2,544	1,787	88	19,953	1,064	1,003	109	135
West South Central.....	29,888	27,915	1,442	278,846	20,052	13,896	2,840	7,955
Arkansas.....	2,566	1,646	85	19,025	1,621	847	143	153
Louisiana.....	4,852	4,598	249	48,407	3,422	2,372	517	1,905
Oklahoma.....	4,175	3,465	171	33,321	2,680	1,642	331	877
Texas.....	18,295	18,305	937	178,093	12,329	8,035	1,849	5,619
Mountain.....	13,238	9,926	578	107,929	8,121	4,873	1,032	2,131
Montana.....	1,590	844	43	8,387	703	378	61	53
Idaho.....	1,473	779	47	11,405	715	329	56	38
Wyoming.....	672	249	16	3,140	390	134	33	15
Colorado.....	3,720	3,623	195	34,095	2,262	1,658	380	1,150
New Mexico.....	1,406	779	53	10,296	993	493	92	103
Arizona.....	2,199	1,791	109	20,522	1,562	1,014	193	323
Utah.....	1,628	1,470	89	16,056	1,098	667	189	434
Nevada.....	550	390	27	4,048	398	299	28	15
Pacific.....	38,191	45,923	2,582	407,177	26,618	21,214	4,141	14,332
Washington.....	5,593	5,173	304	52,071	3,557	2,587	610	1,402
Oregon.....	3,738	4,448	208	33,766	2,482	2,537	354	1,020
California.....	27,555	35,386	2,001	308,767	10,666	15,609	8,087	11,786
Alaska.....	291	181	14	1,792	191	106	13	7
Hawaii.....	974	735	67	10,781	722	395	97	118

D Withheld to avoid disclosure. ¹ Workweek ended nearest Nov. 15. ² Week including Mar. 12.³ Data corrected only at level significantly affected; hence, detail will not add to total.

SUMMARY, BY STATES: 1963 AND 1967

1967								STATE	
Total wholesale trade				Merchant wholesalers		Manufacturers' sales branches, sales offices			
Establishments	Sales	Payroll, entire year	Paid employees ²	Establishments	Sales	Establishments	Sales		
311,464	Mil. dol. 459,476	Mil. dol. 23,922	3,518,969	212,993	Mil. dol. 296,055	30,679	Mil. dol. 157,097	United States.	
16,830	21,611	1,348	196,442	12,929	10,962	1,664	6,500	New England.	
1,440	1,234	76	13,822	1,064	677	98	222	Maine.	
822	689	49	7,834	618	425	62	(D)	New Hampshire.	
513	382	28	4,912	345	224	40	(D)	Vermont.	
8,715	13,158	759	106,089	6,646	8,090	948	4,707	Massachusetts.	
1,465	1,475	103	16,349	1,230	918	116	297	Rhode Island.	
3,875	4,678	333	47,436	3,020	2,028	400	1,107	Connecticut.	
65,673	119,369	5,795	794,805	51,301	55,388	5,720	41,961	Middle Atlantic.	
39,202	77,957	3,610	460,573	31,180	37,045	2,928	25,463	New York.	
10,098	17,632	974	136,066	7,987	8,550	978	6,923	New Jersey.	
16,370	23,480	1,311	198,176	12,134	9,794	1,814	9,575	Pennsylvania.	
58,410	97,694	5,058	704,215	37,812	39,111	6,299	39,431	East North Central.	
14,497	23,706	1,248	176,511	9,566	9,215	1,939	10,221	Ohio.	
7,162	8,349	503	76,891	4,307	3,816	644	2,129	Indiana.	
18,687	39,539	1,885	251,984	12,149	15,154	2,058	16,853	Illinois.	
11,436	18,800	1,000	135,908	7,693	7,429	1,130	7,803	Michigan.	
6,626	7,300	423	63,141	4,097	3,497	528	2,426	Wisconsin.	
32,626	43,145	1,930	297,955	16,491	17,857	2,597	12,184	West North Central.	
6,901	10,617	491	71,174	3,580	4,677	628	3,073	Minnesota.	
5,824	5,950	267	45,000	2,699	2,534	333	949	Iowa.	
8,600	15,046	697	99,692	5,240	6,295	1,038	5,805	Missouri.	
1,995	1,402	61	10,681	501	476	76	226	North Dakota.	
1,098	1,251	51	9,622	564	324	55	94	South Dakota.	
3,158	4,385	164	27,943	1,567	1,558	215	988	Nebraska.	
4,461	4,405	199	33,843	2,280	1,994	267	1,060	Kansas.	
38,617	51,655	2,845	459,461	26,540	21,419	4,347	19,051	South Atlantic.	
588	1,430	88	9,989	427	378	77	807	Delaware.	
3,943	5,958	338	50,889	2,850	2,453	465	2,338	Maryland.	
2,376	150	18,765	693	967	188	1,189	District of Columbia.		
4,577	6,162	339	56,664	3,073	2,560	479	1,979	Virginia.	
2,001	1,691	120	20,655	1,500	969	177	282	West Virginia.	
7,010	9,530	461	76,625	4,462	3,590	760	3,252	North Carolina.	
2,918	2,745	158	28,012	1,965	1,519	238	413	South Carolina.	
6,941	11,459	547	85,856	4,418	3,783	1,055	5,758	Georgia.	
9,650	10,303	643	111,946	7,152	5,190	908	2,973	Florida.	
15,972	19,369	983	170,480	10,848	9,711	1,253	5,004	East South Central.	
3,715	3,094	214	37,205	2,481	1,878	240	880	Kentucky.	
5,381	8,628	407	66,758	3,670	4,371	582	2,686	Tennessee.	
4,253	4,437	245	44,027	2,971	2,206	393	1,271	Alabama.	
2,623	2,309	117	22,400	1,726	1,256	138	217	Mississippi.	
31,213	36,688	1,893	314,504	21,308	18,697	3,057	10,946	West South Central.	
2,659	1,956	113	21,411	1,713	1,108	133	220	Arkansas.	
5,243	6,559	348	57,528	3,729	3,590	546	1,925	Louisiana.	
4,176	4,263	214	36,886	2,714	1,988	384	1,246	Oklahoma.	
19,136	23,910	1,219	198,679	13,152	11,042	1,904	7,558	Texas.	
13,265	11,843	710	117,572	8,238	5,763	1,158	2,846	Mountain.	
1,509	1,081	54	9,001	603	509	75	104	Montana.	
1,467	912	57	11,776	757	423	62	63	Idaho.	
6,266	288	17	3,192	359	156	33	24	Wyoming.	
3,713	4,386	245	37,694	2,307	1,790	426	1,605	Colorado.	
1,425	910	60	10,921	972	520	101	135	New Mexico.	
2,281	2,144	139	23,157	1,598	1,183	232	429	Arizona.	
1,635	1,661	103	16,975	1,107	843	184	451	Utah.	
600	461	34	4,796	445	339	45	34	Nevada.	
38,858	58,103	3,380	463,594	27,526	27,147	4,484	19,173	Pacific.	
5,512	6,696	390	50,432	3,465	3,244	655	1,875	Washington.	
3,855	5,873	284	41,710	2,544	3,169	405	1,560	Oregon.	
28,096	44,234	2,680	350,529	20,521	20,020	3,288	16,512	California.	
365	286	21	2,481	242	175	23	25	Alaska.	
1,030	1,014	76	12,442	754	538	118	201	Hawaii.	

No. 1182. WHOLESALE TRADE—TYPE OF OPERATION AND KIND OF BUSINESS: 1963 AND 1967

[Money figures in millions of dollars; paid employees in thousands. "N.e.c." means not elsewhere classified]

TYPE OF OPERATION AND KIND OF BUSINESS	TOTAL WHOLESALE TRADE						MERCHANT WHOLESALE	
	Establishments	Sales	Pay-roll, entire year	Inven-tories, end of year	Paid employees ¹	Active proprietors ²	Establishments	Sales
	1963							
Wholesale trade, total.....	308,177	358,386	18,101	20,150	8,089	138,222	208,997	157,392
TYPE OF OPERATION								
Merchant wholesalers.....	208,997	157,392	11,645	14,902	2,064	108,277	208,997	157,392
Manufacturers' sales branches, offices.....	28,584	116,443	4,377	3,333	600	227	(X)	(X)
Petroleum bulk stations, terminals.....	30,873	21,485	792	1,125	144	7,657	(X)	(X)
Merchandise agents, brokers.....	25,318	53,245	990	256	170	15,110	(X)	(X)
Farm products assemblers.....	14,110	9,820	398	444	111	6,951	(X)	(X)
KIND OF BUSINESS								
Motor vehicles, automotive equipment.....	28,895	36,584	1,650	2,103	202	15,752	26,500	10,304
Drugs, chemicals, allied products.....	11,438	20,829	1,068	1,003	164	2,918	7,792	5,990
Piece goods, notions, apparel.....	11,758	17,468	738	998	110	5,083	6,227	7,227
Groceries and related products.....	41,830	58,881	2,591	1,771	503	27,172	29,290	30,354
Farm products—raw materials.....	16,214	34,831	460	1,896	119	8,668	3,565	13,560
Electrical goods.....	16,211	22,035	1,250	1,528	190	4,743	10,978	9,911
Hardware, plumbing, heating equipment, supplies.....	12,814	9,352	838	1,099	139	4,607	10,527	6,827
Machinery, equipment, supplies.....	48,501	33,408	3,349	3,046	516	17,853	36,742	16,798
Metals and minerals, n.e.c.....	8,475	20,503	789	1,049	112	2,035	5,547	7,034
Petroleum, petroleum products.....	30,873	21,485	792	1,125	144	7,657	(X)	(X)
Scrap, waste materials.....	8,288	3,701	325	221	72	6,958	8,174	5,484
Tobacco, tobacco products.....	2,824	5,374	168	238	35	1,898	2,753	4,082
Beer, wine, distilled alcoholic beverages.....	7,598	10,739	593	735	91	4,791	7,164	8,196
Paper, paper products ³	8,812	9,831	674	482	110	3,330	7,046	4,715
Furniture, home furnishings.....	8,110	6,565	451	561	73	3,543	6,265	3,400
Lumber, construction materials.....	14,189	13,787	930	809	155	4,775	11,643	8,718
Other miscellaneous products.....	31,830	26,923	1,429	1,492	261	16,360	25,784	14,803
1967								
Wholesale trade, total.....	311,464	449,476	23,922	28,117	4,3,519	4122,297	212,993	206,055
TYPE OF OPERATION								
Merchant wholesalers.....	212,993	206,055	15,368	21,463	2,417	97,858	212,993	206,055
Manufacturers' sales branches, offices.....	30,679	157,097	5,877	4,267	685	132	(X)	(X)
Petroleum bulk stations, terminals.....	30,229	24,822	905	1,266	160	6,490	(X)	(X)
Merchandise agents, brokers.....	26,462	61,347	1,377	559	182	13,482	(X)	(X)
Farm products assemblers.....	11,101	10,156	395	561	84	4,335	(X)	(X)
KIND OF BUSINESS								
Motor vehicles, automotive equipment.....	31,214	46,122	2,127	2,888	341	14,294	28,513	14,003
Drugs, chemicals, allied products.....	11,543	27,795	1,353	1,263	182	2,851	7,701	7,808
Piece goods, notions, apparel.....	11,400	21,280	977	1,314	132	4,912	8,846	8,881
Groceries and related products.....	40,055	74,458	3,327	2,637	535	22,218	29,051	41,551
Farm products—raw materials.....	14,062	38,148	639	2,466	107	6,539	4,044	16,176
Electrical goods.....	16,730	32,115	1,694	2,147	227	4,445	11,376	13,622
Hardware, plumbing, heating equipment, supplies.....	13,497	12,055	1,128	1,461	163	4,401	10,943	8,557
Machinery, equipment, supplies.....	52,431	50,432	4,920	4,768	650	16,015	38,886	24,148
Metals and minerals, n.e.c.....	7,891	33,704	1,005	1,655	128	1,965	5,395	11,868
Petroleum, petroleum products.....	34,484	33,373	1,157	1,416	187	8,440	3,641	3,993
Scrap, waste materials.....	7,927	4,826	411	355	79	5,705	7,814	4,423
Tobacco, tobacco products.....	2,597	6,048	207	280	37	1,488	2,615	5,315
Beer, wine, distilled alcoholic beverages.....	7,309	14,164	757	978	101	3,749	6,882	10,444
Paper, paper products ³	9,588	12,783	900	694	129	8,520	7,663	6,422
Furniture, home furnishings.....	8,023	7,723	593	597	84	3,235	6,047	4,329
Lumber, construction materials.....	13,822	16,390	1,045	1,058	163	4,398	10,877	9,074
Other miscellaneous products.....	28,193	28,737	1,704	2,143	285	11,590	22,819	15,851

X Not applicable. ¹ For 1963 and 1967, respectively, workweek ended nearest Nov. 15 and week including Mar. 12. ² Unincorporated businesses. ³ Excludes wallpaper.

⁴ Data corrected only at level significantly affected; hence, detail will not add to total.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. IV, and 1967, Vol. IV.

Wholesale Trade—Merchant Wholesalers

747

No. 1183. WHOLESALE TRADE—SALES, STOCKS, AND STOCK-SALES RATIOS: 1950 TO 1969

[In billions of dollars, except ratios. Prior to 1961, excludes Alaska and Hawaii. Data represent sales and stocks of merchant wholesalers. See *Historical Statistics, Colonial Times to 1967*, series T 208-210 for sales]

YEAR	ALL ESTABLISHMENTS			DURABLE GOODS ESTABLISHMENTS			NONDURABLE GOODS ESTABLISHMENTS		
	Sales ¹	Stocks, end of year ²	Stock- sales ratio ³	Sales ¹	Stocks, end of year ²	Stock- sales ratio ³	Sales ¹	Stocks, end of year ²	Stock- sales ratio ³
1950	92.3	9.3	1.07	37.7	4.7	1.20	54.6	4.6	0.91
1953	108.6	10.7	1.17	44.1	5.5	1.52	64.5	5.1	0.93
1954	107.9	10.6	1.18	42.6	5.5	1.54	65.3	5.2	0.95
1955	118.7	11.7	1.13	51.4	6.3	1.36	67.3	5.4	0.95
1956	126.2	13.3	1.19	55.3	7.1	1.43	69.8	6.2	1.00
1957	125.7	12.7	1.23	53.8	7.1	1.58	71.9	5.6	0.96
1958	123.1	12.7	1.24	50.4	7.2	1.66	72.6	5.6	0.94
1959	137.9	13.9	1.15	59.3	7.9	1.53	78.5	6.0	0.87
1960	139.9	14.1	1.22	58.6	8.1	1.69	81.3	6.0	0.89
1961	143.8	14.5	1.20	59.8	8.3	1.63	84.0	6.2	0.89
1962	152.1	14.9	1.16	64.5	8.6	1.57	87.5	6.3	0.86
1963	160.6	16.0	1.15	68.7	9.1	1.54	91.9	6.9	0.85
1964	174.3	17.0	1.13	75.7	9.8	1.49	98.6	7.2	0.86
1965	187.1	18.3	1.14	82.7	10.6	1.49	104.4	7.7	0.87
1966	203.8	20.7	1.14	91.0	12.1	1.49	112.7	8.6	0.85
1967	205.2	21.6	1.21	90.4	12.5	1.61	114.7	9.0	0.90
1968	210.0	22.5	1.20	100.0	13.6	1.54	119.9	9.1	0.91
1969	230.7	24.4	1.19	106.6	14.6	1.53	127.1	9.8	0.89

¹ Annual totals. ² Seasonally adjusted. ³ Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Dept. of Commerce, Office of Business Economics and Bureau of the Census. In *Survey of Current Business* and *Monthly Wholesale Trade Report*.

No. 1184. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1960 TO 1970

[In millions of dollars]

KIND OF BUSINESS	1960	1965	1967	1968	1969		1970, 1st qtr.
					Total	1st qtr.	
Merchant wholesalers	139,866	187,141	205,187	219,943	236,708	53,631	57,910
Durable goods ¹	58,581	82,691	90,447	100,012	109,578	24,857	26,091
Motor vehicles, automotive equipment	8,222	12,243	14,195	16,696	18,403	4,070	4,623
Electrical goods	8,041	12,518	14,112	14,969	15,748	3,621	3,594
Furniture, homefurnishings	3,005	3,803	4,440	4,905	5,422	1,212	1,231
Hardware, plumbing, heating equipment, supplies	6,525	8,366	8,875	9,804	10,748	2,415	2,414
Lumber, construction materials	7,295	9,758	8,014	10,427	11,750	2,747	2,318
Machinery, equipment, supplies	14,436	20,711	23,836	25,466	28,093	6,460	6,804
Metals, metalwork (except scrap)	5,748	8,990	9,092	10,998	11,794	2,877	3,163
Scrap, waste materials	3,935	4,777	4,560	4,708	5,542	1,186	1,532
Nondurable goods ¹	81,285	104,450	114,740	119,930	127,130	28,775	31,818
Groceries and related products	27,002	37,541	41,287	44,181	47,771	10,937	12,154
Beer, wine, distilled alcoholic beverages	7,396	9,380	10,427	11,088	11,913	2,421	2,656
Drugs, chemicals, allied products	5,470	7,267	8,074	8,830	9,360	2,253	2,350
Tobacco, tobacco products	4,200	4,992	5,357	5,612	5,752	1,321	1,370
Dry goods, apparel	6,713	8,766	9,772	10,271	10,157	2,439	2,471
Paper, paper products (excl. wallpaper)	4,250	5,546	6,236	6,707	7,296	1,094	1,787
Farm products (raw materials)	11,960	13,704	14,542	13,364	13,357	2,949	3,481

¹ Includes data not shown separately.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

No. 1185. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS: 1960 TO 1970

KIND OF BUSINESS	INVENTORIES ¹ (mil. dol.)					STOCK-SALES RATIOS ² (percent)			
	1960	1965	1968	1969	1970, March (prel.)	1960	1965	1968	1969
Merchant wholesalers ³	13,012	16,927	21,186	24,363	24,842	124	113	120	121
Durable goods ⁴	8,121	10,575	13,454	14,579	14,781	171	147	154	159
Motor vehicles, automotive equip.....	1,271	1,891	2,366	2,536	2,656	192	192	161	161
Electrical goods.....	1,220	1,551	1,948	2,214	2,186	169	137	162	166
Hardware, plumbing, heating equip- ment, supplies.....	1,075	1,298	1,484	1,554	1,608	208	174	176	180
Machinery, equipment, supplies.....	2,229	2,890	3,814	4,269	4,378	181	158	187	184
Metals, metalwork (except scrap).....	911	1,213	1,663	1,690	1,669	197	164	176	166
Nondurable goods ^{3,4}	4,891	6,352	7,732	9,784	10,061	86	82	86	90
Groceries and related products.....	1,331	2,122	2,259	2,352	2,352	57	58	57	55
Beer, wine, distilled alcoholic bev.....	866	753	970	1,017	1,072	108	93	104	102
Drugs, chemicals, allied products.....	579	757	965	1,044	1,084	129	120	123	133
Paper, paper products, excluding wallpaper.....	386	460	508	633	668	108	95	104	108

¹ As of end of year, except as indicated. Adjusted for seasonal variations. ² Based on December adjusted sales and inventory estimates. ³ Excludes farm products (raw materials) merchants.

⁴ Includes kinds of business not shown separately.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

No. 1186. MERCHANT WHOLESALERS—ESTABLISHMENTS, SALES, AND PAYROLL, BY SALES SIZE OF ESTABLISHMENTS: 1963

SALES SIZE	Estab- lish- ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)	SALES SIZE		Estab- lish- ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)
				\$500,000-\$999,999.....	\$1,000,000-\$1,999,999.....			
All establish- ments.....	208,997	157,392	11,544,746	\$1,000,000-\$1,999,999.....	17,616	24,582	2,099,065	
Operated all year.....	200,777	153,414	11,243,929	\$2,000,000-\$4,999,999.....	10,213	30,840	2,170,014	
With annual sales of.....				\$5,000,000-\$9,999,999.....	2,654	17,983	1,020,668	
Less than \$100,000.....	51,563	2,604	352,805	\$10,000,000-\$14,999,999.....	622	7,488	374,077	
\$100,000-\$199,999.....	38,545	5,569	685,152	\$15,000,000-\$19,999,999.....	273	4,675	197,727	
\$200,000-\$299,999.....	23,561	5,778	677,724	\$20,000,000 and over.....	478	23,283	503,758	
\$300,000-\$499,999.....	26,640	10,324	1,159,112	Not operated all year.....	8,220	3,978	300,817	

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1963*, Vol. IV.

No. 1187. SELECTED SERVICES—RECEIPTS, BY KIND OF BUSINESS: 1968 TO 1970

[In millions of dollars. Based on probability sample designs; for discussion of sampling variability, see source]

KIND OF BUSINESS	1968	1969					1970, first qtr.
		Total	First qtr.	Second qtr.	Third qtr.	Fourth qtr.	
Hotels, motels, tourist courts, etc.....		7,010	6,823	1,801	1,710	1,981	1,531
Personal services.....	11,827	11,481	2,826	2,879	2,786	2,990	1,658
Business services.....	23,367	25,406	5,005	6,378	6,350	6,683	2,822
Automotive services.....	8,109	8,047	2,027	2,187	2,194	2,239	2,198
Miscellaneous repair services.....	3,687	3,885	902	925	1,029	1,029	913
Motion pictures, amusements, etc.....	8,689	8,677	1,984	2,301	2,397	1,995	2,093

Source: Dept. of Commerce, Bureau of the Census; *Monthly Selected Services Receipts*, Series BS.

No. 1188. ARCHITECTURAL, ENGINEERING, AND LAND SURVEYING FIRMS—SUMMARY, BY SIZE OF RECEIPTS: 1967

[Money figures in thousands of dollars. Number as of December 31. Covers firms with four or more employees reporting details by type of firm. These firms represent about 70 percent of both number and receipts of all architectural, engineering, and land surveying firms]

RECEIPT SIZE, AND TYPE OF FIRM	Number	Receipts	Proprietors and partners, number	FULL-TIME EMPLOYMENT AND PAYROLL					
				All employees ¹		Architects and engineers		Technicians	
				Number	Payroll, 1st qtr.	Number	Payroll, 1st qtr.	Number	Payroll, 1st qtr.
Total	7,418	2,646,946	7,952	134,820	304,736	31,869	109,004	70,826	149,009
Less than \$100,000	2,270	149,623	2,186	10,983	17,124	2,434	5,788	4,962	7,569
\$100,000-\$249,999	2,816	447,714	2,039	23,366	46,509	5,612	17,580	11,181	20,509
\$250,000-\$499,999	1,208	416,861	1,361	20,677	45,225	4,943	17,134	10,485	21,092
\$500,000-\$999,999	687	468,877	844	23,340	54,151	5,785	20,102	12,197	20,288
\$1,000,000 or more	437	1,163,871	622	56,454	141,727	13,095	48,391	32,001	73,401
Architectural	2,831	865,112	4,103	35,793	80,800	10,217	33,220	17,527	36,050
Less than \$100,000	684	47,411	771	2,938	5,098	858	2,006	1,314	2,119
\$100,000-\$249,999	1,237	198,734	1,708	8,282	17,064	2,444	7,396	3,901	7,088
\$250,000-\$499,999	529	181,032	836	6,981	15,744	1,952	6,555	3,439	7,058
\$500,000-\$999,999	261	177,188	508	6,876	16,180	1,959	6,735	3,445	7,373
\$1,000,000 or more	120	260,747	280	10,716	26,714	3,004	10,528	5,428	12,412
Engineering	3,971	1,708,211	3,237	93,368	215,140	20,994	74,033	50,710	108,765
Less than \$100,000	1,108	79,433	959	5,822	9,545	1,309	3,353	2,717	4,325
\$100,000-\$249,999	1,424	225,354	1,100	13,279	26,582	2,969	9,601	6,497	12,278
\$250,000-\$499,999	652	227,098	507	13,060	28,301	2,914	10,321	6,706	13,384
\$500,000-\$999,999	417	286,135	333	16,184	37,360	3,790	13,219	8,564	18,551
\$1,000,000 or more	310	890,191	338	45,023	113,352	10,012	37,539	26,226	60,227
Land surveying	616	73,623	612	5,659	8,796	658	1,751	2,589	4,194
Less than \$100,000	418	22,779	456	2,223	2,481	267	429	301	1,125
\$100,000-\$249,999	155	23,626	131	1,805	2,863	199	592	783	1,233
\$250,000-\$499,999	27	8,731	18	636	1,180	77	258	340	650
\$500,000-\$999,999	9	5,554	3	280	611	36	148	188	364
\$1,000,000 or more	7	12,933	4	715	1,661	79	324	347	822

¹ Includes other employees not shown separately.

No. 1189. ARCHITECTURAL, ENGINEERING, AND LAND SURVEYING FIRMS—SUMMARY BY STATES: 1967

[Money figures in thousands of dollars. Number as of December 31. Covers all firms in these industries]

STATE	All firms, number	FIRMS WITH PAYROLL			STATE	All firms, number	FIRMS WITH PAYROLL		
		Number	Receipts	Average annual receipts per firm			Number	Receipts	Average annual receipts per firm
Total	48,812	21,954	4,254,237	194	Missouri	955	475	90,886	191
Alabama	540	297	27,531	93	Montana	132	75	6,035	80
Alaska	93	43	7,939	185	Nebraska	239	132	24,551	180
Arizona	479	227	36,284	160	Nevada	169	75	6,041	81
Arkansas	260	133	12,825	96	New Hampshire	170	73	5,222	72
California	7,220	2,697	673,581	250	New Jersey	2,044	871	185,249	213
Colorado	826	356	41,431	116	New Mexico	277	158	15,776	100
Connecticut	1,032	410	56,464	138	New York	4,433	1,854	542,192	292
Delaware	91	55	8,203	149	North Carolina	837	475	46,154	97
Dist. of Col.	339	181	151,211	835	North Dakota	84	53	6,508	124
Florida	1,863	869	98,701	114	Ohio	2,095	652	180,307	189
Georgia	810	470	68,986	147	Oklahoma	752	321	39,391	123
Hawaii	306	151	20,447	135	Oregon	597	306	32,225	105
Idaho	146	73	5,310	73	Pennsylvania	2,566	1,137	284,327	250
Illinois	2,540	1,091	287,700	264	Rhode Island	210	82	9,867	120
Indiana	804	399	60,657	152	South Carolina	401	207	51,883	251
Iowa	354	195	29,108	149	South Dakota	67	48	4,880	101
Kansas	482	205	32,142	157	Tennessee	656	340	39,717	117
Kentucky	446	243	31,350	129	Texas	3,649	1,504	177,606	118
Louisiana	1,011	472	75,595	160	Utah	328	167	13,712	82
Maine	157	74	7,157	97	Vermont	121	64	6,851	107
Maryland	851	385	77,674	202	Virginia	782	428	77,181	180
Massachusetts	1,782	738	182,498	220	Washington	1,014	472	72,597	154
Michigan	1,677	784	215,125	274	West Virginia	230	121	10,696	88
Minnesota	653	346	68,199	197	Wisconsin	809	406	48,170	119
Mississippi	412	207	16,638	80	Wyoming	121	57	3,452	61

Source of tables 1188 and 1189: Dept. of Commerce, Bureau of the Census; press release CB 70-19, Feb. 17, 1970.

No. 1190. SELECTED SERVICES, BY KIND OF BUSINESS: 1963 AND 1967

[Money figures in millions of dollars; paid employees in thousands. "N.e.c." means not elsewhere classified]

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1963		1967					
	Re- ceipts	Paid employees ¹	All establishments		Establishments with payroll			Active pro- prietors ³
			Total	Re- ceipts	Total	Re- ceipts	Payroll, entire year	
Selected services.....	41,023	3,261.5	1,187,814	60,542	521,410	55,527	17,524	3,841.2
Hotels, motels, tourist courts, camps.....								1,081,870
Hotels.....	4,316	526.1	87,006	7,039	53,650	6,738	1,990	616.8
Year-round hotels:	2,976	361.8	23,625	3,823	18,690	3,766	1,272	378.0
25 or more guest rooms.....	2,671	383.0	(NA)	(NA)	9,575	3,247	1,181	338.8
Less than 25 guest rooms.....	139	17.4	(NA)	(NA)	4,372	144	34	14.4
Seasonal hotels.....	265	11.5	(NA)	(NA)	4,743	374	107	24.8
Motels, tourist courts.....	1,063	96.4	{ 41,954	2,710	{ 22,697	{ 1,557	{ 340	{ 128.8
Motor hotels.....	485	53.7						
116	6.7	12,437	272	3,516	1,017	277	93.8	{ 38,507
Traffic parks.....	177	7.5	8,990	234	4,682	204	60	12,162
Sporting, recreational camps.....								7,784
Personal services.....	47,877	954.2	498,935	11,750	204,634	10,003	3,923	1,029.8
Laundry, cleaning, other garment services.....	4,009	551.8	111,926	5,432	65,731	5,002	2,013	572.5
Coin operated laundries, dry cleaning.....	226	21.7	29,551	557	15,981	407	85	32.2
Other laundry, cleaning, garment services.....	8,783	530.1	82,375	4,875	49,750	4,595	1,927	540.3
Power laundries, family and commercial.....	1,040	190.5	(NA)	(NA)	8,360	942	489	140.2
Industrial launderers.....	372	33.6	(NA)	(NA)	918	561	210	45.2
Linen supply.....	570	56.8	(NA)	(NA)	1,495	734	282	67.5
Diaper service.....	55	5.6	(NA)	(NA)	318	64	28	6.0
Laundries, except power and coin-operated.....	44	4.9	(NA)	(NA)	1,474	47	15	(NA)
Dry cleaning plants, except rug cleaning.....	1,411	211.7	(NA)	(NA)	30,625	1,938	806	246.3
Rug cleaning, repairing plants.....								(NA)
Garment pressing, alteration, and repair.....	69	6.8	(NA)	(NA)	894	66	27	5.3
Beauty shops.....	223	20.8	(NA)	(NA)	7,738	242	72	18.8
Barber shops.....	1,321	203.7	179,209	2,354	72,794	1,947	943	255.0
Photographic studios.....	585	73.5	112,497	1,020	32,519	603	307	117,472
Shoe repair, shoeshine, etc.....	415	33.6	26,558	745	8,188	597	187	36.8
Funeral service, crematories.....	125	12.9	16,270	207	5,316	134	46	11.5
Miscellaneous personal services.....	1,200	58.8	20,191	3,157	14,672	3,136	320	63.1
229	20.8	32,284	474	5,464	325	106	24.6	16,282
Misc. business services.....	14,711	874.9	211,835	22,595	84,988	21,427	6,699	1,212.4
Advertising.....	6,325	100.3	20,124	8,342	8,185	8,201	984	109.1
Services to dwellings and other buildings.....								15,113
Window cleaning.....	811	152.8	33,822	1,412	14,897	1,290	745	223.2
Disinfecting, exterminating.....	76	12.4	(NA)	(NA)	1,491	91	51	13.2
Misc. service to dwellings and other buildings.....	235	22.1	(NA)	(NA)	3,731	315	138	26.6
Business and consulting services.....	1,348	91.0	39,114	3,087	14,282	2,882	1,290	181.4
Other misc. business services.....	6,227	530.8	118,775	9,766	47,654	9,084	3,671	103.0
Credit bureaus, collection agencies.....								31,630
Duplicating, mailing, steno. services.....	487	51.4	(NA)	(NA)	5,847	677	291	61.0
News syndicates.....	585	56.0	(NA)	(NA)	5,428	772	295	64.4
Private employment agencies.....	137	6.1	(NA)	(NA)	319	154	55	5.7
Commercial research development laboratories.....	138	17.0	(NA)	(NA)	4,471	258	126	26.5
Commercial testing lab.....	896	56.9	(NA)	(NA)	1,437	1,068	555	57.0
Detective agencies and protective services.....	157	14.4	(NA)	(NA)	1,253	209	106	16.0
Equip. rental, leasing serv.....	348	75.4	(NA)	(NA)	2,891	522	344	101.8
Photofinishing laboratories.....	809	32.6	(NA)	(NA)	6,016	1,320	282	41.1
Trading stamps sales offices.....	395	25.1	(NA)	(NA)	1,715	686	180	31.6
Temporary help supply serv.....	718	0.4	(NA)	(NA)	315	763	27	3.9
Sign painting shops.....	260	60.9	(NA)	(NA)	2,029	663	600	139.8
Telephone answering service.....	79	6.2	(NA)	(NA)	1,788	88	30	5.7
Other business service.....	85	15.8	(NA)	(NA)	2,184	122	60	18.9
	1,183	102.7	(NA)	(NA)	11,061	1,788	801	143.6

NA Not available.

¹ Workweek ended nearest Nov. 15.² Week including Mar. 12.³ Unincorporated businesses.⁴ Data corrected only at level significantly affected; hence, detail will not add to total.

Selected Services

751

No. 1190. SELECTED SERVICES, BY KIND OF BUSINESS: 1963 AND 1967—Continued
 [Money figures in millions of dollars: paid employees in thousands. "N.e.c." means not elsewhere classified]

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1963		1967					
	Receipts	Paid em-ployees ¹	All establish-ments		Establishments with payroll			Active proprie-tors ³
			Total	Receipts	Total	Receipts	Pay-roll, entire year	
Auto rpr., auto serv., garages—								
Auto repair shops	4,858	288.0	139,243	7,028	77,111	6,368	1,468	816.2
General auto repair	3,059	184.4	109,946	4,086	55,830	3,504	943	187.9
Top and body repair	1,457	85.0	57,838	1,850	28,904	1,531	384	82.1
Other auto repair	494	35.7	20,828	824	11,298	717	224	41.3
Tire retreading, repair	1,100	63.7	31,280	1,412	15,628	1,257	335	64.5
Paint shops	365	16.1	(NA)	2,597	391	81	17.8	(NA)
Battery, ignition repair	104	14.8	(NA)	3,088	184	59	11.9	(NA)
Radiator repair	67	4.1	(NA)	1,153	85	17	3.5	(NA)
Glass replacement, repair	80	5.1	(NA)	1,819	87	24	4.5	(NA)
Brake repair	88	4.2	(NA)	1,143	108	28	4.7	(NA)
Wheel, axle, spring, repair	64	3.9	(NA)	703	57	17	3.1	(NA)
Exhaust system service	67	4.4	(NA)	1,095	79	23	4.5	(NA)
Automatic transmission repair	48	2.2	(NA)	720	64	16	2.7	(NA)
Other auto rpr. shops, n.e.c.	77	4.9	(NA)	1,789	146	46	7.4	(NA)
Auto parking	69	4.0	(NA)	1,571	76	21	4.3	(NA)
Car, truck rental, leasing, serv., n.e.c.	404	34.9	10,606	484	9,317	473	129	33.5
Miscellaneous repair services—								3,914
Electrical repair shops	4,205	161.5	188,014	3,827	42,422	3,089	1,046	179.1
Radio, television repair	760	51.1	47,886	1,329	14,467	1,050	352	59.3
Other electrical repair including refrigeration	371	25.0	33,063	703	8,540	500	157	20.4
Reupholstery, furniture repair	389	26.1	14,823	826	5,918	550	195	29.9
Other repair shops, related serv.	220	18.6	19,418	349	6,529	257	87	18.4
Watch, clock, jewelry repair	1,266	89.1	70,710	2,148	21,426	1,782	608	101.4
Misc. repair shops, related serv.	58	4.2	(NA)	(NA)	1,825	73	23	4.5
Welding repair	1,208	84.9	(NA)	(NA)	19,601	1,708	584	90.9
Armature rewinding shops	195	13.5	(NA)	(NA)	3,873	269	95	16.6
Farm machinery, equip. repair	293	18.1	(NA)	(NA)	2,526	408	137	20.7
Lawnmower, saw, knife, tool sharpening, repair	67	3.3	(NA)	(NA)	1,090	72	18	3.6
Other	56	3.7	(NA)	(NA)	1,388	79	26	4.4
Motion pictures	606	46.4	(NA)	(NA)	10,724	880	309	51.6
Motion picture prod., distr., serv.—								
Motion picture prod., distr., serv.	2,568	161.3	16,752	3,476	14,853	3,452	980	176.7
Motion picture theaters	1,510	48.8	4,565	2,183	3,375	2,160	699	64.6
Motion pictures, exc. drive-in	1,057	112.5	12,187	1,293	11,478	1,283	281	112.1
Drive-in	803	90.0	(NA)	(NA)	8,094	970	222	90.1
Amusement, recreation services, except motion pictures	254	22.5	(NA)	(NA)	3,384	313	59	22.0
Producers, orchestras, entertainers	3,746	295.1	96,029	4,827	43,752	4,448	1,418	310.2
Bands, orchestras, actors, entertainers	545	53.2	27,098	874	8,085	759	321	59.1
Dance bands, orchestras except symphony	190	33.8	(NA)	(NA)	5,789	290	146	35.6
Symphony orchestras ⁴	86	24.8	(NA)	(NA)	4,221	104	58	19.2
Entertainers (radio, TV) ⁵	55	6.6	(NA)	(NA)	382	97	60	11.4
Theatrical producers, services	49	2.5	(NA)	(NA)	1,186	88	28	4.0
Bowling alleys, billiards, pool	355	19.3	(NA)	(NA)	2,298	470	175	23.6
Other amusement, recreation services	986	97.0	15,497	1,011	11,367	973	269	95.5
Dance halls, studios, schools	2,165	144.9	52,834	2,943	24,300	2,716	828	155.5
Commercial sports	81	13.9	(NA)	(NA)	2,780	88	32	11.7
Baseball, football clubs, etc., promoters	696	30.0	(NA)	(NA)	2,401	927	276	33.3
Racetrack operation ⁶	150	8.7	(NA)	(NA)	455	226	117	10.3
Public golf courses	537	21.4	(NA)	(NA)	1,946	701	159	20.0
Skating rinks	76	6.0	(NA)	(NA)	1,478	116	37	6.5
Amusement parks (including kiddie parks)	48	6.2	(NA)	(NA)	1,033	44	12	5.4
Coin-operated amusement devices	116	4.7	(NA)	(NA)	786	174	58	8.3
Concession operators, amusement devices, rides	261	11.1	(NA)	(NA)	2,400	258	87	10.6
Carnivals, circuses, fairs ⁷	58	3.9	(NA)	(NA)	1,187	63	18	2.7
Other	104	2.9	(NA)	(NA)	1,126	101	26	4.1
	735	65.0	(NA)	(NA)	11,108	945	318	66.8

¹ About 7 percent represents repayment of cash advances which are not part of the cost of the complete funeral service. ² Includes other classical groups. ³ Excludes classical. ⁴ Includes racing stables.

⁵ Excludes fairs operated by governmental boards or subdivisions.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1967, Vol. VIII.

Distribution and Services

No. 1191. SELECTED SERVICES—

(Money figures in millions of dollars; paid employees in thousands. Discrepances in figures identified after the
not add

STATE	ESTABLISH- MENTS WITH PAYROLL, 1963		1967				KIND OF BUSI- NESS, 1967			
	All establishments		Establishments with payroll				Hotels, motels, tourist courts, camps			
	Re- ceipts	Paid em- ployees ¹	Total	Re- ceipts	Total	Re- ceipts	Pay- roll, entire year	Paid em- ployees ²	Estab- lish- ments	Re- ceipts
United States...	44,586	3,261.5	1,187,814	60,542	521,410	55,527	17,524	3,841.2	87,006	7,039
New England...	2,197	172.9	69,910	3,025	30,838	2,723	910	206.4	5,542	383
Maine...	139	10.1	6,850	162	2,855	140	42	10.0	1,389	50
New Hampshire...	128	8.7	5,284	165	2,300	140	44	10.1	1,129	49
Vermont...	72	5.3	3,078	102	1,437	91	28	8.3	785	40
Massachusetts...	1,188	93.6	33,103	1,631	14,272	1,477	502	109.7	1,496	165
Rhode Island...	152	13.4	5,912	222	2,342	203	65	15.0	172	14
Connecticut...	512	41.8	16,214	742	7,623	667	228	52.4	571	65
Middle Atlantic...	12,723	765.9	221,556	16,655	99,138	15,654	4,377	847.4	10,689	1,333
New York...	9,063	483.0	116,216	11,065	64,590	11,433	2,978	520.4	5,576	845
New Jersey...	1,473	116.1	38,481	1,917	18,794	1,747	603	131.7	2,010	192
Pennsylvania...	2,188	165.6	66,859	2,773	25,745	2,473	798	188.2	3,094	206
East North Central...	8,427	574.5	219,182	10,983	92,072	10,058	3,038	670.4	12,901	987
Ohio...	1,932	145.8	57,430	2,533	24,130	2,303	734	173.5	2,385	217
Indiana...	687	55.9	29,741	907	10,928	780	253	64.2	1,555	97
Illinois...	3,369	207.9	65,701	4,310	26,948	4,019	1,172	236.1	2,631	303
Michigan...	1,703	114.6	43,214	2,397	19,654	2,214	647	130.4	3,557	199
Wisconsin...	646	50.2	23,096	836	10,412	733	231	57.2	2,773	111
West North Central...	2,803	218.6	107,967	3,662	42,598	3,186	963	247.6	9,243	459
Minnesota...	725	60.4	20,867	895	8,564	798	237	57.4	2,039	117
Iowa...	403	32.5	19,581	512	7,151	426	128	37.1	1,256	68
Missouri...	967	76.1	31,487	1,356	12,765	1,217	375	80.4	2,165	146
North Dakota...	72	6.4	3,870	89	1,589	72	22	6.5	403	10
South Dakota...	86	6.5	5,142	107	2,048	87	24	7.0	752	23
Nebraska...	257	20.7	11,219	323	4,252	272	79	22.2	839	40
Kansas...	292	26.0	15,801	379	6,239	315	98	27.9	1,129	46
South Atlantic...	5,044	452.4	161,302	7,443	75,412	6,840	2,289	571.1	14,967	1,249
Delaware...	83	6.7	2,289	120	1,221	112	36	8.6	166	12
Maryland...	708	56.5	16,923	1,143	7,552	1,076	374	74.4	701	69
District of Columbia...	432	38.4	5,492	590	3,028	551	214	43.5	121	108
Virginia...	589	58.8	19,986	885	9,880	772	274	70.9	1,553	135
West Virginia...	256	20.6	8,176	277	3,674	252	82	21.0	549	38
North Carolina...	508	56.6	26,827	860	12,111	761	235	65.2	1,871	105
South Carolina...	254	26.8	12,744	396	5,603	347	103	30.9	1,080	60
Georgia...	634	58.6	22,527	967	10,523	885	284	75.2	1,403	120
Florida...	1,492	120.5	46,358	2,275	21,830	2,084	688	181.4	7,523	593
East South Central...	1,535	149.8	62,061	2,232	27,350	2,011	677	173.8	3,756	259
Kentucky...	386	33.9	16,412	497	6,428	432	131	37.5	964	65
Tennessee...	585	68.1	20,870	888	9,477	812	294	67.0	1,328	86
Alabama...	303	37.2	14,782	574	7,236	524	177	45.9	860	59
Mississippi...	201	20.6	9,907	279	4,211	242	75	23.3	604	49
West South Central...	2,946	273.6	121,461	4,226	51,758	3,763	1,204	324.3	7,705	513
Arkansas...	209	19.8	11,372	270	4,733	230	68	22.8	1,075	48
Louisiana...	476	44.7	18,198	688	7,381	615	204	55.7	931	86
Oklahoma...	381	33.3	19,337	507	7,088	427	131	37.0	1,274	60
Texas...	1,879	172.3	72,560	2,761	32,556	2,481	801	208.8	4,425	319
Mountain...	1,917	155.7	53,476	2,714	25,463	2,506	883	198.9	8,759	753
Montana...	100	8.0	4,204	111	2,088	96	30	8.7	958	32
Idaho...	123	0.1	4,983	147	1,917	125	44	10.7	779	31
Wyoming...	75	5.5	2,980	65	1,411	88	28	6.3	811	46
Colorado...	438	34.7	16,103	575	6,813	517	185	42.2	2,131	108
New Mexico...	168	15.1	5,707	351	3,233	338	145	20.2	1,015	48
Arizona...	334	29.2	10,338	482	5,135	391	129	36.4	1,557	97
Utah...	173	13.9	5,976	221	2,574	197	58	16.8	599	31
Nevada...	505	43.8	4,119	733	2,312	765	290	51.3	909	300
Pacific...	6,996	495.1	170,899	9,601	76,781	8,786	3,182	601.6	13,444	1,104
Washington...	540	39.4	18,984	767	8,302	686	235	52.0	1,897	102
Oregon...	364	27.7	13,187	501	5,674	441	138	33.5	1,653	80
California...	5,882	400.6	133,141	7,903	60,288	7,312	2,707	491.2	9,439	789
Alaska...	45	3.0	1,530	67	610	59	22	3.7	243	20
Hawaii...	163	15.4	4,057	295	1,047	270	88	22.0	212	113

¹ Workweek ended nearest Nov. 15.

² Week including Mar. 12.

³ Includes motion pictures.

Selected Services

753

SUMMARY, BY STATES: 1967

tabulation process was completed have been corrected only at the level significantly affected; hence, detail may to total]

KIND OF BUSINESS, 1967—CONTINUED										STATE	
Personal services		Miscellaneous business services		Auto repair, auto services, garages		Miscellaneous repair services		Amusement, recreation services ³			
Establishments	Receipts	Establishments	Receipts	Establishments	Receipts	Establishments	Receipts	Establishments	Receipts		
498,935	11,750	211,835	22,595	139,243	7,028	188,014	3,827	112,731	8,303	U.S.	
29,539	688	14,187	1,012	7,055	394	6,948	103	6,639	354	N.E.	
2,684	40	709	22	708	24	654	9	655	19	Maine.	
1,933	34	747	21	526	23	456	8	498	20	N.H.	
980	17	405	11	333	10	241	5	325	20	Vt.	
14,672	358	7,288	626	3,277	109	3,254	101	3,178	183	Mass.	
2,618	57	892	71	569	29	573	19	488	31	R.I.	
8,643	181	4,148	268	1,582	109	1,770	51	1,500	72	Conn.	
99,497	2,459	44,206	8,099	23,214	1,426	22,204	763	21,746	2,575	M.A.	
50,302	1,373	27,208	6,495	9,631	770	11,123	410	12,378	2,072	N.Y.	
16,595	442	7,738	670	4,209	245	4,124	158	3,798	210	N.J.	
32,800	644	9,262	934	0,374	411	6,957	195	5,572	298	Pa.	
96,630	2,401	39,474	4,436	23,122	1,229	24,983	717	22,072	1,213	E.N.C.	
25,647	606	9,829	870	8,643	325	6,751	183	6,175	332	Ohio.	
14,264	287	4,426	215	3,344	133	3,450	69	2,702	106	Ind.	
30,566	704	13,805	2,113	6,181	389	7,087	237	5,931	415	Ill.	
18,136	504	7,766	993	4,497	279	4,582	159	4,676	263	Mich.	
8,017	211	4,148	246	2,457	103	3,113	69	2,588	97	Wis.	
43,590	875	17,209	1,118	14,002	508	13,807	275	10,116	426	W.N.C.	
7,446	190	3,733	319	2,465	114	2,486	67	2,098	98	Minn.	
8,327	145	2,932	108	2,566	82	2,773	45	1,727	64	Iowa.	
13,317	299	5,685	511	4,096	174	3,568	88	2,668	138	Mo.	
1,433	26	505	15	501	12	546	8	422	10	N.Dak.	
1,782	27	722	18	849	16	623	9	614	20	S.Dak.	
4,455	76	1,758	82	1,535	49	1,536	28	1,101	48	Nebr.	
6,830	112	1,879	72	2,190	61	2,277	40	1,498	48	Kans.	
68,288	1,648	23,948	2,090	19,900	1,049	18,811	527	15,388	866	S.A.	
982	26	888	26	265	20	238	9	250	28	Del.	
7,285	214	3,211	450	1,797	213	1,913	66	2,016	131	Md.	
2,558	95	1,559	236	1,541	53	336	18	377	50	D.C.	
9,055	228	2,824	228	2,391	110	2,270	60	1,893	75	Va.	
3,818	72	948	68	988	30	980	32	883	43	W.Va.	
12,592	279	2,705	160	4,097	148	3,377	76	2,095	92	N.C.	
6,001	116	1,316	85	1,849	65	1,497	33	1,001	38	S.C.	
10,404	234	2,948	258	3,426	156	2,688	76	1,659	97	Ga.	
15,593	384	7,969	584	4,547	254	5,512	158	5,214	303	Fla.	
29,145	606	7,415	667	8,632	325	7,691	171	5,422	207	E.S.C.	
7,552	159	2,144	99	2,187	69	1,904	34	1,661	72	Ky.	
9,081	216	2,578	332	2,804	120	2,593	62	1,986	79	Tenn.	
7,121	143	1,696	193	2,205	89	1,848	57	1,052	33	Ala.	
4,891	89	997	43	1,436	47	1,346	28	723	23	Miss.	
52,632	1,015	17,482	1,212	17,199	607	17,038	456	9,455	422	W.S.C.	
5,070	81	1,080	43	1,742	44	1,406	24	920	33	Ark.	
8,304	145	2,582	196	2,262	92	2,697	89	1,417	79	La.	
8,916	136	2,384	104	2,804	83	2,501	74	1,598	51	Okla.	
30,342	653	11,447	872	10,891	388	10,344	269	5,610	239	Tex.	
18,043	407	8,522	697	6,361	276	6,884	141	5,407	488	Mt.	
1,347	26	600	17	501	16	406	8	432	12	Mont.	
1,750	29	662	46	573	18	760	12	459	13	Idaho.	
878	15	299	8	318	9	372	8	315	9	Wyo.	
5,333	114	2,614	156	1,832	84	1,673	38	1,520	76	Colo.	
1,986	43	781	197	768	26	873	15	544	22	N. Mex.	
3,362	94	1,080	113	1,219	68	1,279	32	941	45	Ariz.	
2,305	44	985	65	758	39	819	19	510	28	Utah.	
1,087	42	701	98	394	23	342	9	686	283	Nev.	
61,571	1,654	39,442	3,308	19,758	1,213	20,148	585	16,536	1,745	Pac.	
6,814	165	3,389	216	2,432	124	2,543	62	1,908	98	Wash.	
4,385	103	2,421	128	1,606	98	1,825	42	1,207	51	Oreg.	
48,381	1,338	32,885	2,873	15,007	945	15,196	465	12,733	1,557	Cali.	
450	12	352	15	136	7	200	6	140	7	Alaska.	
1,541	41	805	78	487	39	384	10	538	32	Hawaii.	

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1967, Vol. VIII.

Distribution and Services

No. 1192. PUBLIC WAREHOUSING FACILITIES—SUMMARY, BY REGION: 1963 AND 1967

[Covers only establishments classified as "public warehousing" with 1 or more paid employees. For composition of regions, see fig. I, p. xi.]

REGION AND TYPE OF FACILITY	1963			1967			Occupiable public storage space, Dec. 31			Occupiable public storage space, Dec. 31			Frozen food lockers, Dec. 31		
	Establishments	Revenue (\$1,000)	Payroll (\$1,000)	Occupiable public storage space, Dec. 31			Establishments	Revenue (\$1,000)	Payroll (\$1,000)	Occupiable public storage space, Dec. 31			Establishments	Revenue (\$1,000)	Payroll (\$1,000)
				Floor space (1,000 sq. ft.)	Refrigerated space (1,000 cu. ft.)	Bulk liquid storage space (1,000 gal.)				Floor space (1,000 sq. ft.)	Refrigerated space (1,000 cu. ft.)	Bulk liquid storage space (1,000 gal.)			
United States	8,838	1,119,478	454,223	355,450	474,199	467,480	9,433	1,624,632	634,429	392,965	539,960	519,601	742,316	2,674	
Household goods	2,955	306,319	181,806	70,903	471	43	3,701	643,361	282,405	100,502	105,059	105,059	258	11	
General	1,488	245,822	115,918	11,115	287	1,677	379,910	163,816	163,168	5,543	5,543	5,543	5	44	
Refrigerated, ex. food lockers	759	175,894	67,988	11,705	453	1,179	228,912	83,123	8,606	525,938	515	9,108	55	59	
Food lockers	1,904	84,015	14,430	7,152	6	1,772	96,085	16,451	3,233	95	733	163	2,560		
Farm products	1,346	107,931	55,639	124,342	579	1,410	199,780	60,525	103,628	127	131	-	-	-	
Other	381	45,137	18,900	1,081	464	545	403	76,504	26,480	16,465	-	518,587	-	-	
Household goods	1,589	254,890	118,005	78,012	111,549	341,456	1,688	336,922	137,301	84,311	118,846	421,992	40,875	167	
General	659	94,757	49,410	19,061	28	-	733	126,742	52,311	18	-	-	-	-	
Refrigerated, ex. food lockers	489	85,152	38,362	48,433	3,717	178	546	115,484	47,407	52	442	130	40	5	
Food lockers	169	50,823	21,501	2,964	106,513	671	193	57,407	21,723	2	118,171	-	-	39	
Farm products	16	3,431	706	74	299	-	4,537	8,820	157	104	-	-	4,044	18	
Other	134	17,974	6,798	6,839	641	-	16	4,457	1,482	21	-	-	36,786	110	
Household goods	2,651	286,637	112,358	70,696	147,990	35,781	2,689	420,553	163,955	87,725	158,042	421,862	-	-	
General	620	86,147	38,429	16,496	32	20	719	126,305	68,125	23,283	126,305	126,305	12	227	
Refrigerated, ex. food lockers	159	74,905	41,582	2,788	402	1,582	471	124,732	55,000	54	535	448	-	-	
Food lockers	1,131	45,284	22,646	4,022	141,643	508	1,832	68,902	52,658	3	156,942	515	2,233	6	
Farm products	82	19,324	3,996	3,996	126	2,528	930	1,078	53,909	8,697	107	1,329	94	416,247	1,218
Other	102	9,577	4,100	4,893	3	572	850	19,636	3,415	5	3,415	5	11,834	-	
Household goods	3,026	347,800	129,292	106,022	98,228	52,803	3,276	517,414	191,696	165,433	123,321	28,071	181,143	798	
General	1,562	107,288	43,603	19,985	3,949	2,323	1,441	198,376	80,706	30,130	80,706	90,918	15	-	
Refrigerated, ex. food lockers	383	50,790	23,428	25,748	3,947	93	-	187	46,028	15,042	1,946	2,317	100	5	
Food lockers	169	30,765	10,272	3,791	85,022	3,017	5	407	24,558	5,241	118,394	-	-	999	1
Farm products	427	25,398	4,705	11,102	1,102	1	-	150,777	48,294	92,392	1,537	1,537	1	180,444	792
Other	102	125,157	43,168	111,783	434	80	62,160	120	21,480	8,118	2,904	105	126	-	-
Household goods	3,026	228,161	94,568	40,720	122,422	37,440	1,785	349,673	141,477	55,326	133,751	57,090	101,518	482	
General	710	37,435	18,390	13,407	15,361	17	-	963	188,939	83,324	24,011	-	-	-	8
Refrigerated, ex. food lockers	192	41,965	13,578	120,299	653	26	219	326,627	18,477	3,385	17,800	1,543	133,115	-	1,832
Food lockers	254	12,652	2,109	1,308	126	1	216	18,011	1,693	1,115	233	-	-	1,832	34
Farm products	131	20,757	7,307	8,391	145	28	128	24,980	7,424	8,711	1	-	98,686	440	
Other	63	8,055	2,819	2,507	-	37,385	72	12,600	4,530	513	-	-	57,062	-	-

^a Includes only establishments classified as "Food lockers, with or without food preparation facilities (SIC 4229)."

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1965, Vol. IV, and 1967, Vol. IV.

¹ Represents zero.

² These data include only those frozen food lockers and the bulk storage freezer space in locker facilities operated in establishments classified in the public warehousing group.

³ Exclusive of space in individual lockers installed.

Motion Picture Theaters—Hotels

755

No. 1193. MOTION PICTURE THEATERS—SUMMARY, BY STATES: 1967

[Receipts and payroll in thousands of dollars. Employees for week including March 12]

STATE	Establishments	Receipts	Payroll	Paid employees	STATE	Establishments	Receipts	Payroll	Paid employees
U.S.	12,187	1,293,035	281,126	112,109	Mo.	334	30,133	6,040	2,844
Ala.	181	18,161	11,841	9,913	Mont.	106	4,668	1,776	1,446
Alaska	25	12,048	1,381	1,167	Nebr.	171	11,924	2,571	1,207
Ariz.	92	15,063	11,327	1,634	Nev.	40	3,655	1,575	1,243
Ark.	149	18,092	11,155	1,709	N.H.	56	12,234	1,585	1,319
Calif.	1,020	162,904	36,078	12,356	N.J.	278	42,067	9,104	8,111
Colo.	183	17,332	8,452	1,535	N.Mex.	112	14,030	1,019	7,546
Conn.	147	19,120	4,116	1,620	N.Y.	893	181,588	44,000	18,308
Del.	31	2,754	1,425	1,187	N.C.	328	27,534	5,381	2,529
D.C.	41	9,617	2,104	726	N. Dak.	102	12,358	1,530	1,288
Fla.	385	47,036	9,013	4,284	Ohio	513	53,590	11,826	4,546
Ga.	205	20,785	14,434	12,084	Oklahoma	264	10,395	3,214	1,583
Hawaii	59	9,032	1,310	1,554	Oreg.	170	12,136	2,770	1,211
Idaho	93	12,718	1,596	1,424	Pa.	625	60,548	12,779	5,331
Ill.	470	69,176	15,785	5,315	R.I.	43	13,275	1,759	1,308
Ind.	283	26,649	5,792	2,329	S.C.	139	11,194	2,177	1,020
Iowa	272	17,697	8,606	2,045	S.Dak.	114	13,146	1,688	1,207
Kans.	222	12,831	11,618	1,900	Tenn.	216	19,457	4,261	1,982
Ky.	221	14,880	3,025	1,393	Tex.	708	74,906	16,587	7,523
La.	213	18,416	3,471	1,626	Utah	103	9,442	1,773	909
Maine	84	12,479	1,580	1,322	Vt.	41	1,154	1,320	1,162
Md.	173	18,217	4,407	1,761	Va.	280	21,734	4,554	2,137
Mass.	279	41,477	8,645	3,287	Wash.	206	20,459	4,514	1,849
Mich.	386	46,093	9,529	3,777	W. Va.	147	13,625	1,946	1,554
Minn.	301	23,531	4,818	2,114	Wis.	269	19,557	4,413	2,013
Miss.	175	17,080	11,488	1,701	Wyo.	53	11,846	1,440	1,255

¹ Covers only establishments with payroll, excluding drive-in theaters.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1967, Vol. VIII.

No. 1194. HOTELS—SUMMARY: 1954 TO 1967

[Prior to 1963, excludes Alaska and Hawaii. Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public]

ITEM	ALL HOTELS				YEAR-ROUND HOTELS ¹			
	1954	1958	1963	1967	1954	1958	1963	1967
Number	24,778	29,203	22,692	23,625	11,367	11,130	10,234	9,575
Guest rooms	1,000 (NA)	1,000 (NA)	1,000 (NA)	1,000 (NA)	1,002	1,097	957 (NA)	8,247
Receipts	2,405 millions	2,704	3,006	3,828	2,075	2,363	2,620	1,131
Payroll	803 millions	957	1,035	1,272	729	852	900	839
Paid employees ²	1,000	377	404	362	378	355	361	328

HOTELS WITH PAYROLL

	1958			1963			1967		
	Number	Receipts (mil. dol.)	Paid employees (1,000)	Number	Receipts (mil. dol.)	Paid employees (1,000)	Number	Receipts (mil. dol.)	Paid employees (1,000)
Hotels, by size-class:									
Less than 25 rooms	5,600	119	10	5,138	139	17	4,372	144	14
25-49 rooms	4,903	175	29	4,002	166	25			
50-99 rooms	3,376	298	49	3,077	206	43			
100-299 rooms	2,308	754	128	2,048	320	106	14,818	3,621	364
300 rooms or more	554	1,141	157	507	274	155			

NA Not available. ¹ With payrolls and 25 or more guest rooms. ² Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. 1954-1963 represents number of employees for workweek ended nearest Nov. 15; 1967 represents employees for workweek including Mar. 12.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1954, Vol. V; 1958, Vol. V; 1963, Vol. VI; and 1967, Vol. VII.

No. 1195. HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1952 TO 1969

[Excludes Alaska and Hawaii. Based on reports from approximately 400 hotels. See *Historical Statistics, Colonial Times to 1957*, series T 361-365, for indexes on a 1929 base]

ITEM	1952	1955	1960	1963	1964	1965	1966	1967	1968	1969
Occupancy ratio.....percent..	76	72	65	60	61	62	62	61	61	59
Sales indexes (1951=100):										
Total sales.....	105	109	116	109	112	115	120	122	127	133
Room sales.....	105	111	122	115	118	123	129	134	143	152
Restaurant sales.....	105	109	115	109	111	112	115	116	117	119
Room rate index (1951=100).....	106	119	144	146	149	152	157	166	178	194

Source: Laventhal Krekstein Horwath & Horwath, New York, N.Y.; annual report, *Hotel Operations*. (Copyright, 1970, by Laventhal Krekstein Horwath & Horwath.)

No. 1196. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1940 TO 1969

[1957-59=100. Based on the average monthly expenditure for those media which give national coverage]

MEDIUM	1940	1945	1950	1955	1960	1965	1966	1967	1968	1969
General index.....	19	34	55	87	109	136	148	149	155	166
Total magazines.....	24	45	63	89	115	147	169	167	162	168
Weekly.....	23	42	58	88	116	135	149	144	145	147
Women's.....	30	60	80	100	114	167	174	175	175	190
General.....	20	35	52	79	119	168	183	186	205	221
Farm.....	34	58	105	110	90	107	106	100	100	91
Network radio.....	206	359	356	153	78	100	118	118	130	117
Network television.....	—	—	12	76	111	175	194	206	213	244
Newspapers.....	20	26	67	93	104	108	119	117	124	131
Outdoor.....	25	38	73	99	104	92	91	96	106	103
Business papers.....	14	37	45	81	110	121	128	128	130	133

- Represents zero.

Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. 1940-1966, in *Printers' Ink* magazine; beginning 1967, in *Marketing/Communications*. (Copyright.)

No. 1197. ADVERTISING—ESTIMATED EXPENDITURES: 1935 TO 1969

[In millions of dollars]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1935.....	1,690	859	881	1948.....	4,964	2,776	2,088	1950.....	11,255	6,835	4,420
1938.....	1,904	1,031	873	1949.....	5,202	2,905	2,237	1960.....	11,932	7,296	4,639
1939.....	1,980	1,088	895	1950.....	5,710	3,257	1,961	1961.....	11,845	7,233	4,592
1940.....	2,080	1,163	925	1951.....	6,426	3,701	2,725	1962.....	12,381	7,661	4,720
1941.....	2,236	1,259	977	1952.....	7,158	4,086	3,060	1963.....	13,107	8,124	4,963
1942.....	2,156	1,212	944	1953.....	7,755	4,521	3,235	1964.....	14,155	8,713	5,442
1943.....	2,498	1,462	1,045	1954.....	8,184	4,812	3,352	1965.....	15,255	8,365	5,893
1944.....	2,724	1,669	1,054	1955.....	9,194	5,407	3,788	1966.....	16,870	10,176	6,494
1945.....	2,875	1,775	1,099	1956.....	9,905	5,926	3,979	1967.....	16,866	10,250	6,616
1946.....	3,364	1,963	1,401	1957.....	10,311	6,253	4,057	1968.....	18,127	10,683	7,244
1947.....	4,260	2,487	1,772	1958.....	10,302	6,331	3,971	1969 (prel.)	19,565	11,460	8,105

Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. 1935-1966, in *Printers' Ink* magazine; beginning 1967, in *Marketing/Communications*. (Copyright.)

No. 1198. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1969
 [In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1957*, series R 99-102,
 R 110-113, and T 346-351]

MEDIUM	1950		1955		1960		1965		1968		1969 (prel.)	
	Ex-pen-ditures	Per-cent of total	Ex-pen-ditures	Per-cent of total	Ex-pen-ditures	Per-cent of total	Ex-pen-ditures	Per-cent of total	Ex-pen-ditures	Per-cent of total	Ex-pen-ditures	Per-cent of total
Total	5,710	100.0	9,194	100.0	11,932	100.0	15,255	100.0	18,127	100.0	19,565	100.0
National	3,257	57.0	5,407	58.8	7,296	61.1	9,395	61.4	10,883	60.0	11,460	58.6
Local	2,453	43.0	3,788	41.2	4,636	38.9	5,890	38.6	7,244	40.0	8,105	41.4
Newspapers	2,076	36.3	3,088	33.6	3,703	31.0	4,457	29.2	5,285	29.1	5,860	29.0
National	533	9.3	743	8.1	836	7.0	860	5.7	980	5.5	1,050	5.4
Local	1,542	27.0	2,345	25.5	2,867	24.0	3,587	23.5	4,275	23.6	4,800	24.5
Radio	605	10.6	545	5.9	602	5.8	917	6.0	1,190	6.6	1,270	6.5
Network	190	3.4	84	0.9	43	0.4	60	0.4	63	0.4	65	0.3
Spot	136	2.4	134	1.5	222	1.8	298	1.7	380	2.0	370	1.9
Local	273	4.8	326	3.5	428	3.6	589	3.9	767	4.2	885	4.3
Television	171	3.0	1,025	11.1	1,890	13.3	2,515	16.5	3,231	17.8	3,585	18.3
Network	85	1.5	540	5.0	783	6.6	1,237	8.1	1,523	8.4	1,675	8.5
Spot	31	0.5	260	2.8	527	4.4	808	5.7	1,131	6.2	1,245	6.4
Local	55	1.0	225	2.4	281	2.3	412	2.7	577	3.2	665	3.4
Magazines	515	9.0	729	7.9	941	7.9	1,199	7.9	1,318	7.3	1,375	7.0
Weeklies	261	4.6	386	4.3	525	4.4	610	4.0	657	3.6	660	3.4
Women's	129	2.3	161	1.8	184	1.5	269	1.8	284	1.6	310	1.6
Monthlies	88	1.5	133	1.4	200	1.7	282	1.9	342	1.9	373	1.9
Farm, national	37	0.6	39	0.4	32	0.3	37	0.2	35	0.2	32	0.1
Farm papers	21	0.4	34	0.4	35	0.3	84	0.2	38	0.2	33	0.2
Direct mail	803	14.1	1,209	14.1	1,880	15.3	2,324	15.2	2,612	14.4	2,680	13.7
Business papers	251	4.4	446	4.9	609	5.1	671	4.4	714	3.9	720	3.7
Outdoor	143	2.5	192	2.1	203	1.7	180	1.2	208	1.1	206	1.0
National	96	1.7	130	1.4	137	1.1	120	0.8	137	0.7	135	0.6
Local	46	0.8	63	0.7	66	0.6	60	0.4	71	0.4	71	0.4
Miscellaneous	1,125	19.7	1,886	20.0	2,328	19.6	2,950	19.4	3,556	19.6	3,846	19.7
National	610	10.7	1,040	11.3	1,368	11.5	1,750	11.5	2,035	11.2	2,145	11.0
Local	515	9.0	796	8.7	960	8.1	1,200	7.9	1,521	8.4	1,701	8.7

Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. 1950-1965, in *Printers' Ink* magazine; beginning 1967, in *Marketing/Communications*. (Copyright.)

**No. 1199. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING,
 BY TYPE OF PRODUCT: 1960, 1965, AND 1969**

[In thousands of dollars. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers. Excludes production costs]

TYPE OF PRODUCT	1960	1965	1969	TYPE OF PRODUCT	1960	1965	1969
Total	782,149	813,329	990,910	Radio, TV, and phonographs	8,620	16,929	21,768
Automotive	106,685	230,682	286,127	Tobacco	35,031	10,822	18,905
Passenger cars (new)	113,963	129,748	145,778	Cigarettes	31,907	8,314	16,302
Foods	138,090	104,968	122,115	Industrial	16,471	14,649	18,140
Baking products	18,603	12,065	9,757	Housing equipment	17,166	15,471	17,004
Beverages	21,261	17,403	18,727	Household supplies	19,694	20,098	17,424
Transportation	52,647	62,014	60,043	Medical	23,653	17,214	16,174
Airways	31,908	33,901	50,760	Farm and garden	9,450	10,508	12,635
Publishing and media	48,652	59,623	71,814	Sporting goods, cameras, and photo supplies	7,305	6,232	11,708
Books	11,444	18,603	23,413	Household furniture and furnishings	4,812	6,988	7,421
Radio and TV stations	22,323	29,782	36,030	Educational	2,281	2,554	6,809
Alcoholic beverages	62,276	69,781	64,740	Professional and service	1,575	3,034	6,808
Liquors	49,014	57,883	63,495	Jewelry and silverware	1,737	2,638	4,520
Hotels and resorts	20,903	25,967	31,710	Amusements	2,187	2,648	3,723
Public utilities	23,340	30,877	29,066	Miscellaneous	32,313	43,121	62,021
Insurance	17,008	16,851	23,660				
Toilet requisites	29,465	15,873	23,486				
Wearing apparel	10,818	14,687	22,429				

Source: Compiled by Media Records, Inc., for Bureau of Advertising of the American Newspaper Publishers Association, Inc., New York, N.Y.

No. 1200. NEWSPAPER ADVERTISING—LINAGE FOR 52 CITIES: 1930 TO 1969
 [In thousands of lines. Yearly average. Represents linage in all daily and Sunday papers for the same 52 selected cities]

YEAR	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General ¹	Retail
1930	137,854	24,013	112,041	8,932	4,938	25,254	73,817
1940	105,710	21,901	83,818	5,167	1,619	15,719	61,313
1950	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1955	236,950	58,705	178,245	15,919	3,383	31,350	127,592
1960	240,718	61,268	170,450	13,767	4,519	28,808	132,356
1965	263,715	72,136	191,579	14,197	5,279	24,044	148,058
1968	281,755	76,077	204,778	14,246	6,070	24,678	159,784
1969	297,927	84,767	213,170	14,439	6,808	25,067	166,918

¹ Advertising of specific products on general sale, as distinguished from the advertising of retail stores, and automotive or financial advertising.

Source: Compiled by Media Records, Inc. Current data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 1201. MAGAZINE ADVERTISING—REVENUE, BY TYPE OF PRODUCT: 1950 TO 1969

[In millions of dollars. Represents advertising revenue of general magazines and national farm magazines. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1950	1955	1960	1965	1966	1967	1968	1969
Revenue	458	657	853	1,083	1,171	1,162	1,196	1,245
Apparel, footwear, and accessories	39	51	57	65	68	61	64	61
Automotive, incl. accessories and equipment	42	61	94	112	125	104	113	114
Beer, wine, and liquor	27	34	51	70	79	89	96	102
Building materials, equipment, and fixtures	20	33	38	32	34	31	32	26
Consumer services	12	23	40	58	64	65	68	80
Drugs and remedies ¹	13	19	29	41	32	31	35	36
Food and food products	54	78	104	113	104	101	96	90
Household equipment and supplies	34	39	37	39	41	32	36	38
Household furnishings	25	31	30	36	39	39	40	39
Industrial materials	24	49	55	47	55	63	57	60
Insurance	8	17	26	32	30	28	26	27
Radios, TV sets, phonographs, musical instruments, and accessories	9	13	20	32	40	34	36	35
Smoking materials	13	17	26	42	40	40	43	48
Toiletries and toilet goods ¹	38	41	51	77	102	118	108	123
Travel, hotels, and resorts	13	20	29	46	55	57	54	51
All other (incl. retail and direct-mail)	88	131	168	243	264	269	291	315

¹ Beginning 1966, not comparable with data for earlier years due to changes in classification.

Source: Publishers Information Bureau, Inc., New York, N.Y.; unpublished data.

No. 1202. TELEVISION ADVERTISING—ESTIMATED TIME CHARGES FOR SPOT ADVERTISING: 1969

[In millions of dollars. Spot television advertising, as distinguished from network advertising in table 1203 is defined as any television activity (announcement, identification, participation, or program) sponsored by a national or regional advertiser, and selected and bought on a station-by-station basis. Includes announcements between both network and nonnetwork programs as well as complete programs. Each commercial is locally originated, whereas network programs and commercials are centrally originated. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc., covering approximately 260 stations. No attempt has been made to project to the total United States.]

TYPE OF PRODUCT	1969	TYPE OF PRODUCT	1969
Estimated time charges	1,115	Gasoline, lubricants, etc.	45
Apparel, footwear, and accessories	17	Household equipment and supplies	61
Automotive	56	Laundry soaps, cleansers, and polishes	97
Bear and wine	56	Pet products	24
Confectionery and soft drinks	93	Radios, TV sets, and musical instruments	24
Consumer services	14	Tobacco products and supplies	40
Entertainment and amusement	22	Toiletries and toilet goods	136
Drugs and remedies	73	Toys and sporting goods	35
Food and food products	246	Transportation and travel	31
		All other	55

Source: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.

No. 1203. TELEVISION ADVERTISING—NET TIME AND PROGRAM COSTS FOR NETWORK ADVERTISING: 1964 TO 1969

(In millions of dollars. Covers national network advertising; excludes national and regional spot advertising (see table 1202). Basically, net time and program costs are estimates of the sale of time plus program production and talent costs incurred by the advertisers. Beginning 1966, data not strictly comparable with earlier years)

TYPE OF PRODUCT	1964	1965	1966	1967	1968	1969
Net time and program costs	1,146	1,260	1,411	1,500	1,548	1,697
Apparel, footwear, and accessories	18	18	27	25	30	33
Automotive	97	99	106	116	125	136
Beer and wine	15	20	20	21	20	20
Confectionery and soft drinks	20	30	26	28	34	38
Consumer services	10	13	15	15	21	21
Drugs and remedies	136	144	168	170	182	216
Food and food products	189	205	248	278	259	274
Gasoline, lubricants, and other fuel	26	28	19	21	36	27
Household equipment, supplies, and furnishings	45	52	58	62	64	78
Insurance	19	15	20	28	29	28
Jewelry, optical goods, and cameras	16	20	29	33	35	37
Laundry soaps, cleansers, and polishes	103	112	132	134	145	154
Office equipment, stationery and supplies	8	10	12	12	16	16
Pet products	17	21	21	21	23	25
Radios, TV sets, phone, musical instruments, and records	9	14	22	17	16	20
Tobacco products and supplies	147	145	162	183	157	174
Toiletries and toilet goods	225	265	262	269	253	276
Toys and sporting goods	12	18	23	19	25	29
Travel, hotels and resorts	2	5	9	14	19	26
All other	37	31	32	44	50	70

Source: Television Bureau of Advertising, Inc., New York, N.Y. 1964-1968, from data compiled by Leading National Advertisers, Inc., New York, N.Y.; beginning 1969, from Broadcast Advertisers Reports, Inc., New York, N.Y.

No. 1204. ACTIVE CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH RECEIPTS, BY INDUSTRY: 1967

(Money figures in millions of dollars. Compiled from corporation income tax returns, excluding returns of inactive corporations. For total compiled receipts, see table 583. See headnotes and footnotes, table 583)

INDUSTRY	Receipts ¹	ADVERTISING EXPENDITURES		INDUSTRY	Receipts ¹	ADVERTISING EXPENDITURES	
		Amount	Percent of receipts			Amount	Percent of receipts
Total	1,345,185	15,018	1.1	Transportation, comm. ⁴	99,191	565	0.6
Agric., for., and fisheries	8,855	42	0.5	Transportation	44,844	290	0.6
Mining	12,754	18	0.1	Other	54,347	275	0.5
Construction	66,828	127	0.2	Wholesale and retail trade	403,233	4,178	1.0
Manufacturing	576,570	8,286	1.4	Wholesale trade	182,687	900	0.5
Food and kindred prod., incl. beverages	80,633	2,031	2.5	Retail trade	216,341	3,240	1.5
Tobacco manufactures	6,010	368	6.0	Food stores	49,196	607	1.2
Textile mill products	19,379	113	0.6	General merchandise stores	44,583	1,135	2.5
Apparel and other fab. textile products	20,822	171	0.8	Apparel and accessory stores	12,330	246	2.0
Lumber and wood prod., exc. furniture	10,184	42	0.4	Auto. dealers ⁵	53,007	458	0.9
Furniture and fixtures	6,696	72	1.1	Other	57,216	798	1.4
Paper and allied prod.	16,823	137	0.8	Wholesale and retail trade not allocable	4,205	33	0.8
Printing, publishing, and allied industries	21,293	241	1.1	Fin., ins., and real estate	131,983	903	0.8
Chem. and allied prod.	45,661	1,029	4.2	Banks and trust companies	25,572	334	1.3
Petroleum refining and related industries	58,560	322	0.5	Insurance carriers	64,485	170	0.3
Rubber and misc. plastics products	12,318	212	1.7	Real estate	14,940	215	1.4
Leather, leather prod.	5,182	74	1.4	Other	26,985	273	1.0
Stone, clay, and glass products	13,304	97	0.7	Services	45,211	810	1.8
Primary metal indus.	39,701	140	0.4	Hotels, rooming houses, etc.	4,559	108	2.4
Fabricated metal prod. ³	32,806	280	0.9	Personal services	5,470	81	1.5
Machinery, exc. elect. equip., and supplies	46,821	418	0.9	Business services	16,089	306	1.9
Transportation equip., exc. motor vehicles	42,498	683	1.4	Auto., other rep. serv.	4,528	38	0.8
Motor veh. and equip.	29,953	83	0.3	Motion pictures	8,143	113	3.6
Scientific instr., photo. equipment ³	48,433	520	1.1	Amusement and rec. services ⁴	3,141	76	2.4
Other (incl. ordnance)	10,439	252	2.4	Other services	8,331	88	1.1
	9,064	205	2.3	Nature of business not allocable	560	4	0.7

¹ Comprises total receipts (including investment income) for finance, insurance, and real estate industries, and business receipts for all other industries. ² Excludes machinery and transportation equipment.

³ Includes watches and clocks.

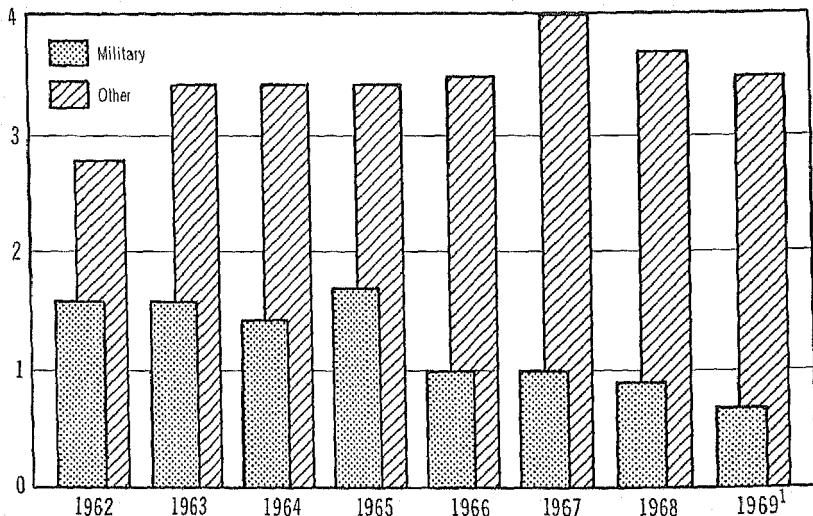
⁴ Includes gasoline service stations. ⁵ Excludes motion pictures.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1967, Corporation Income Tax Returns*.

FIG. XLVI. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1962 TO 1969

[See table 1215]

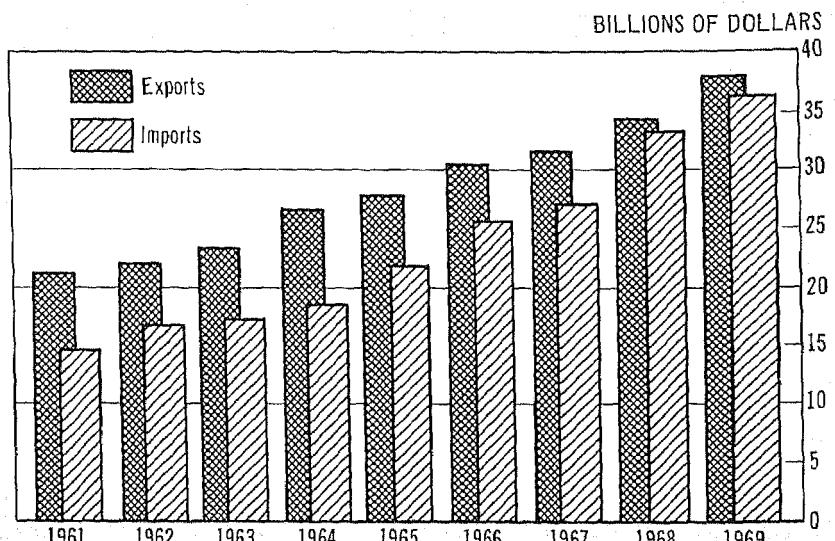
BILLIONS OF DOLLARS

¹ Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Commerce, Office of Business Economics.

FIG. XLVII. EXPORTS AND IMPORTS OF MERCHANDISE: 1961 TO 1969

[See table 1220]



Source: Dept. of Commerce, Bureau of the Census.

Section 30

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official gold reserves of the United States; international investments; foreign assistance programs; and import duties.

The Office of Business Economics publishes current figures on the U.S. balance of payments and international investment position in its monthly *Survey of Current Business*, and on total foreign aid by the Federal Government in its periodic *Foreign Grants and Credits by the United States Government*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development in its quarterly *Operations Report* and annual report, *U.S. Economic Assistance Programs Administered by the Agency for International Development and Predecessor Agencies*, and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*. Geographic data on foreign income received by U.S. corporations and foreign taxes paid on this income are presented by the Internal Revenue Service in its *Supplemental Statistics of Income* reports.

The principal sources of import and export data are publications of the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. Imports, General and Consumption, Schedule A Commodity and Country*; Report FT 410, *U.S. Exports, Schedule B Commodity and Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. Historical data appear in *Foreign Commerce and Navigation of the United States*, issued annually through 1946 and resumed, on an annual basis in 1965, with a volume covering the years 1946 to 1963. For a complete list of the Bureau's monthly and annual reports in this field, consult the *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* (issued annually since 1967) which contains sample illustrations of the content and general arrangement of data in individual reports and tabulations. In addition, the Bureau of International Commerce and the Office of Business Economics present summary and selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The balance of payments table (No. 1205) shows for given time periods the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world.

The international investment position table (No. 1207) presents for specific dates the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are: Changes in the valuation of assets or liabilities, including securities; defaults; expropriations; write-offs; and reinvested earnings of subsidiaries operating abroad and of foreign subsidiaries operating in the United States.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services, and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). The U.S. Government's capital investments in the international financial institutions constitute an additional measure taken by the Government to promote foreign economic recovery, development, and financial stability.

Grants are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or

which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. In some instances, assistance has been given with the understanding that a decision as to repayment will be made at a later date; such assistance is included in grants. At such time as an agreement is reached for repayment over a period of years, a credit is established. Such credits cannot, as a rule, be deducted from specific grants recorded in previous periods; an adjustment for grants converted into credits is made at the time of agreement. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies, (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in *Foreign Grants and Credits by the United States Government* are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include: Contributions to the multilateral construction program of the North Atlantic Treaty Organization; Government investments in certain productive enterprises abroad; Government receipts on funded claims; and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as by collection of principal and interest and by purchase for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Figures on activity under the Foreign Assistance Act as reported in *Foreign Grants and Credits* differ from similar data published by the Agency for International Development or its immediate predecessors due largely to differences in method of reporting, timing, and treatment of particular items.

Exports.—Export data are compiled by the Bureau of the Census from Shipper's Export Declarations which exporters are required to file with customs officials for shipments leaving the United States. Export data include shipments made after World War II under the Department of the Army Civilian Supply Program for 1948 and subsequent years and, in addition, U.S. exports under mutual security programs. They exclude shipments to U.S. Armed Forces for their own use.

Export values are based on the selling price (or on the cost, if not sold) of the commodity shipped and include inland freight, insurance, and other charges to place of export. They exclude transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured. In the event the exporter does not have definite information as to the country of ultimate destination for a shipment, it is credited (for statistical purposes) to the country to which it is consigned.

Certain export commodity classifications were grouped for security reasons into special categories beginning with May 1949, with periodic amendments to include additional commodities or to remove commodities from the special category list. With

the adoption of new security regulations, effective July 1950, the publication of the country of destination and customs district detail for the special category commodities and groups was discontinued. Data for special category commodities are included, however, in all total export statistics and, effective January 1967, are also included in totals for individual countries except a few for which security regulations still restrict the release of such information.

The export statistics include estimated data for certain low-valued shipments. From July 1953 through December 1959, a 10-percent sample was used to estimate data for shipments individually valued \$100 to \$499 except for January through June 1956 when shipments valued \$100 to \$999 were sampled. Beginning January 1960, the sample ratio for shipments valued \$100 to \$499 was increased to 50 percent for all countries except Canada. The 10-percent sample for Canada was applied to shipments valued \$100 to \$1,999 from January 1963 through September 1969. For October through December 1969, shipments to Canada valued \$251 to \$1,999 were estimated from a 10-percent sample while shipments to other countries valued \$251 to \$499 were estimated from a 50-percent sample. The statistics also include estimates for shipments valued under \$100 prior to October 1969 and shipments valued under \$251 for October through December 1969, not classified by commodity.

Imports.—Import data are compiled by the Bureau of the Census from import entries (various customs forms) which importers are required to file with customs officials for each shipment arriving. Import values are, in general, based on market or selling price excluding import duties and are f.o.b. the exporting country. The country of origin is defined as the country in which the merchandise was grown, mined, or manufactured. If the importer cannot obtain information as to the country of origin, the merchandise is credited (for statistical purposes) to the country of shipment.

Imports are classified either as general imports or imports for consumption. General imports represent total arrivals of imported goods (except for in-transit shipments), that is, merchandise entered for immediate consumption ("duty free" merchandise, merchandise on which duty is paid on arrival, and merchandise entered into bonded customs manufacturing warehouses for processing and subsequent export of the main product) plus merchandise entered into bonded customs storage warehouses and into bonded customs smelting and refining warehouses. Imports for consumption are the total of entries for immediate consumption plus merchandise withdrawn from bonded storage warehouses for consumption, withdrawn from bonded smelting and refining warehouses, and transferred from bonded storage warehouses to bonded manufacturing warehouses for manufacturing and export.

Beginning 1954, estimates of imports valued under \$251 are based on a 5-percent sample; and beginning 1958, estimates of imports valued under \$100 reported on formal consumption entries and imports reported on informal entries (generally containing items valued under \$251) are based on a 1-percent sample. For the period July 1965–December 1966, formal entry shipments valued under \$251 are also estimated from a 1-percent sample. This was increased to a 5-percent sample for all shipments valued under \$251 during 1967, but reverted to a 1-percent sample effective January 1968. These estimated low-value shipments are included in commodity and country imports with "other transactions." The total value of the estimated low-value shipments generally amounts to about 1 percent of the monthly import total.

Data relating to U.S. airborne and waterborne foreign commerce are presented in section 22 of this *Abstract*, Transportation—Air and Water.

Area coverage.—The geographic area covered by these statistics, except as noted, is the United States customs area, which includes the 50 States, the District of Columbia, and Puerto Rico, and, for 1935 through 1939, the Virgin Islands.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

International Payments

No. 1205. BALANCE OF PAYMENTS: 1960 TO 1969

(In millions of dollars. Minus sign (-) denotes debits)

TYPE OF TRANSACTION	1960	1964	1965	1966	1967	1968	1969 (prol.)
Recorded receipts	30,255	40,017	42,170	48,126	51,456	61,389	60,462
Exports of goods and services	20,253	38,611	41,027	44,362	47,093	51,432	(NA)
Excluding military grants	27,483	37,271	39,399	43,360	46,188	50,594	55,387
Merchandise, excluding military	19,650	25,478	26,447	29,389	30,681	33,598	36,487
Military grants	1,765	1,340	1,628	1,002	905	838	(NA)
Transportation	1,782	2,317	2,414	2,608	2,775	2,924	3,122
Foreign travel in U.S.	919	1,207	1,380	1,590	1,646	1,770	2,052
Income on U.S. investments abroad	3,349	5,386	6,893	6,252	6,872	7,699	8,896
Other	1,789	2,882	3,266	3,522	4,213	4,604	4,830
Repayments on Government loans	687	717	872	1,232	1,003	1,392	1,205
Foreign capital other than liquid funds	365	689	271	2,532	3,360	8,565	3,870
Recorded payments (-)	-32,999	-41,700	-42,928	-48,992	-53,994	-60,579	-64,557
Imports of goods and services	-23,855	-28,601	-32,278	-38,081	-41,011	-48,078	-53,314
Merchandise, excluding military	-14,744	-18,647	-21,406	-25,468	-26,821	-32,072	-35,797
Military expenditures	-3,087	-2,880	-2,952	-3,704	-4,378	-4,530	-4,882
Transportation	-1,915	-2,462	-2,675	-2,922	-2,900	-3,248	-3,464
U.S. travel abroad	-1,760	-2,211	-2,438	-2,657	-3,105	-3,022	-3,372
Income on foreign investments in U.S.	-1,063	-1,456	-1,729	-2,142	-2,362	-2,933	-4,481
Other	-795	-1,035	-989	-1,133	-1,268	-3,774	-1,369
Private remittances	-382	-530	-581	-556	-755	-753	-758
Military grants	-1,705	-1,340	-1,628	-1,002	-905	-838	(NA)
Other Government grants	-1,664	-1,888	-1,808	-1,010	-1,802	-1,708	-1,649
Government pensions and other transfers	-214	-279	-369	-367	-441	-406	-405
Transactions in private assets, net	-3,878	-6,578	-3,794	-4,310	-5,655	-5,157	-5,009
Direct investments	-1,074	-2,328	-3,408	-3,689	-3,164	-3,025	-3,080
Foreign securities issued in U.S.	-554	-1,063	-1,208	-1,210	-1,619	-1,669	-1,628
Other	-1,050	-8,187	880	539	-882	-472	-321
Government loans, foreign currencies, and other assets	-1,741	-2,304	-2,470	-2,766	-3,425	-3,641	-3,421
Errors and omissions, net	-1,156	-1,118	-576	-489	-1,007	-642	-2,963
Balance of payments, liquidity basis	-3,901	-2,800	-1,335	-1,357	-3,544	168	-7,058
Official reserve assets, net	2,145	171	1,222	568	52	-880	-1,187
Gold	1,703	125	1,665	571	1,170	1,173	-967
Other ¹	442	46	443	3	-1,118	-2,053	-220
Liquid liabilities to foreigners	1,758	2,620	113	789	3,492	712	8,245
Balance on official reserve transactions basis²	-3,403	-1,564	-1,289	266	-3,418	1,638	2,712

NA. Not available.

¹ Includes convertible currencies and International Monetary Fund position. ² See footnote 2, table 1206.

Source: Dept. of Commerce, Office of Business Economics; Survey of Current Business, June 1969 and March 1970.

No. 1206. CONDENSED SUMMARY OF THE U.S. BALANCE OF PAYMENTS: 1930 TO 1969

(In millions of dollars. Excludes military transfers under grants)

YEAR	GOODS, SERVICES, REMITTANCES AND PENSIONS [NET RECEIPTS (+)]			U.S. Govern- ment grants and capital	U.S. private capital, net	Foreign capital, net	Errors and omis- sions	BALANCE [DECREASE IN NET ASSETS (-)]					
	Merchandise		Other services, remit- tances and pensions					Liquid- ity basis ¹	Official reserve trans- actions basis ²				
	Exports	Imports						Military pay- ments and receipts					
1930	3,929	3,104	-49	-86	77	-555	66	320	598				
1933	2,404	2,462	-41	45	1	543	320	384	1,174				
1940	4,124	2,698	-61	144	-51	245	-90	1,277	2,890				
1945	12,473	5,245	-2,434	676	-7,581	-550	-104	8	-2,737				
1950	10,203	9,081	-576	813	-3,640	-1,265	181	-124	-3,489				
1955	14,424	11,527	-2,701	1,360	-2,211	-1,255	297	371	-1,242				
1960	19,650	14,744	-2,762	1,385	-2,768	-3,878	865	-1,156	-3,901				
1965	26,447	21,496	-2,122	3,342	-3,408	-3,794	271	-576	-1,335				
1966	20,389	25,468	-2,035	3,366	-3,444	-4,310	2,532	-489	-1,357				
1967	30,681	26,821	-3,138	3,257	-4,223	-5,655	3,360	-1,007	-3,544				
1968	33,598	32,972	-3,103	3,934	-3,955	-5,157	8,665	-642	108				
1969 ³	36,487	33,797	-3,378	3,998	-3,868	-5,009	3,879	-2,968	-7,058				

NA. Not available. ¹ Measured by changes in U.S. monetary reserve assets and in U.S. liquid liabilities to all foreigners. See table 1212.² Measured by changes in U.S. monetary reserve assets, in U.S. liquid liabilities to foreign official agencies, and in certain U.S. nonliquid liabilities to foreign official agencies. ³ Preliminary.

Source: Dept. of Commerce, Office of Business Economics; Balance of Payments—Statistical Supplement, 1963, and Survey of Current Business, June 1969 and March 1970.

International Investments

765

No. 1207. INTERNATIONAL INVESTMENT POSITION: 1950 TO 1968

[In millions of dollars.] Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or stated values. See also *Historical Statistics, Colonial Times to 1957*, series U 193-206]

ITEM	1950	1955	1960	1965	1966	1967	1968 (prel.)
U.S. assets and investments abroad	54,359	65,076	85,768	120,126	125,141	134,739	146,134
Private investments	19,004	20,136	49,430	81,197	86,387	93,003	101,900
Long-term	17,488	26,750	44,447	71,044	75,781	81,700	88,930
Direct	11,788	19,305	31,865	49,474	54,777	59,486	64,766
Portfolio	5,700	7,355	12,582	21,570	21,004	22,214	24,174
Short-term assets and claims	1,516	2,386	4,983	10,153	10,606	11,903	12,970
U.S. Government nonliquid credits and claims	11,000	13,143	16,970	23,479	23,872	26,306	28,524
Long-term credits	10,768	12,420	14,087	20,318	21,054	23,643	24,940
Foreign currencies and short-term claims	322	723	2,892	3,161	2,818	2,663	2,584
Gold stock	22,820	21,753	17,804	18,800	18,285	12,055	10,892
IMF position	1,445	1,044	1,555	2,803	326	420	1,200
Convertible currencies	-	-	-	781	1,321	2,345	3,528
Foreign assets and investments in U.S.	17,632	27,839	41,202	58,739	60,410	69,720	81,121
Long-term investments	7,097	13,408	18,418	26,374	27,006	32,011	40,267
Direct	3,391	5,076	6,910	8,797	9,054	9,923	10,815
Portfolio	4,606	8,332	11,508	17,577	17,952	22,088	29,452
Nonliquid short-term assets and U.S. Government obligations	825	900	1,235	3,250	3,625	4,500	7,237
Reported by U.S. private residents	726	734	964	968	1,264	1,778	2,531
U.S. Government obligations	99	166	271	2,282	2,361	2,812	4,706
Government grants and capital flows	-	20	62	344	130	55	57
Military sales contracts	14	133	194	1,575	1,921	1,985	1,870
Other specific transactions	85	13	15	198	185	187	184
Other nonmarketable medium-term securities	-	-	-	165	116	585	2,695
Liquid assets	8,810	13,531	21,549	29,115	29,779	33,119	33,617
Private liabilities reported by banks	5,836	7,086	11,062	17,195	19,555	21,180	24,460
U.S. Treasury marketable or convertible bonds and notes	1,470	1,036	2,326	3,530	1,909	2,381	1,667
U.S. Treasury bills, certificates and other obligations	1,504	4,209	8,161	8,356	8,064	9,325	7,280
Gold deposits of IMF	-	-	-	34	211	233	230
Net International Investment position of U.S.	36,727	37,237	44,566	61,337	64,731	65,019	65,013

— Represents zero. ¹ Beginning 1960, excludes Cuba; 1950 total for U.S. direct investment was \$956 million (book value). ² Reflects payment of \$259 million gold portion of increased U.S. subscription to IMF (International Monetary Fund) in second quarter 1965.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, October 1968 and 1969.

No. 1208. INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREAS: 1960 TO 1969

[In millions of dollars.] Figures abstracted from the general pattern of balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long-term miscellaneous holdings such as government or corporate bonds, interests in trusts and estates, or bank loans]

AREA AND TYPE OF INVESTMENT	1960		1965		1967		1968		1969	
	Re- ceipts	Pay- ments								
Total, all areas	3,349	1,063	5,893	1,729	6,872	2,362	7,687	2,933	8,838	4,463
Direct	2,355	220	3,963	299	4,517	381	4,973	388	5,630	417
Other private	646	511	1,421	942	1,717	1,333	1,949	1,843	2,267	3,260
U.S. Government	348	332	500	488	638	508	765	702	932	777
Canada	587	215	1,134	319	1,352	337	1,492	402	1,494	501
Direct	362	72	703	94	789	84	851	63	762	48
Other private	225	112	431	154	562	188	634	250	731	354
U.S. Government	-	31	-	71	1	65	7	89	1	90
Latin American Rep. ¹	940	56	1,386	132	1,672	210	1,761	251	1,891	405
Direct	720	(Z)	905	4	1,190	1	2,118	(Z)	1,277	12
Other private	141	41	265	118	356	103	406	234	462	375
U.S. Government	70	15	126	10	126	16	137	17	132	18
Western Europe ^{2,3}	724	634	1,227	953	1,420	1,357	1,575	1,714	1,903	2,736
Direct	388	145	768	192	850	288	900	308	1,026	347
Other private	140	302	317	476	339	705	384	994	447	1,495
U.S. Government	196	187	142	285	231	365	285	412	430	383
Other countries ^{1,3}	1,101	158	2,146	325	2,431	437	2,859	566	3,550	822
Direct	886	3	1,497	9	1,680	8	1,998	17	2,574	10
Other private	140	56	400	194	461	207	525	365	627	545
U.S. Government	75	99	240	122	281	152	336	349	267	267

— Represents zero. Z Less than \$500,000. ¹ Beginning 1960, direct investment receipts from shipping companies operating under flags of the Bahamas, Honduras, and Panama are included with "Other countries." ² Also beginning 1960, Latin America includes other Western Hemisphere countries.

³ Beginning 1960, includes Finland, Spain, and Yugoslavia. ³ In 1960, British Mediterranean Possessions included with "Other countries"; thereafter, with "Western Europe." ⁴ Includes international institutions.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, June 1970 and unpublished data.

No. 1209. DIRECT INVESTMENTS ABROAD—VALUE AND INCOME RECEIPTS, BY COUNTRY, 1960 TO 1968, AND BY INDUSTRY, 1968

In millions of dollars. Represents private long-term direct investments. For definition of "direct," see headnote, table 1208. See *Historical Statistics, Colonial Times to 1957*, series U 208-313, for direct investments.

COUNTRY	INCOME RECEIPTS										1968 (prel.)							
	1968 (prel.)					1968 (prel.)					1966	1965	1967	Total	1966	1965	1967	
	1960 ¹	1965	1966	1967	Total	Mining and petro- leum smelt- ing	Petro- leum	Man- ufac- turing	Other indus- ties	1966	1965	1967	Total	Mining and petro- leum smelt- ing	Petro- leum	Man- ufac- turing	Other indus- ties	
All areas.....	31,865	49,474	54,777	59,486	64,756	5,370	18,835	26,354	14,196	2,355	3,963	4,045	4,518	4,935	645	2,288	1,275	776
Canada.....	11,719	15,318	17,017	18,497	19,488	2,636	4,088	8,646	4,219	361	703	756	790	849	180	160	306	203
Latin American Republics ²	7,481	9,440	10,265	11,010	11,201	1,402	2,976	3,659	2,933	641	859	965	1,022	1,083	452	206	131	131
Mexico, Central America, and West Indies.....	1,685	2,531	2,723	2,902	3,176	164	418	1,177	1,417	85	133	149	173	190	21	8	66	95
Mexico.....	705	1,182	1,248	1,343	1,459	112	44	998	305	65	735	816	848	872	67	1	45	107
South America.....	5,757	6,908	7,158	7,368	7,525	1,112	2,345	2,521	1,850	556	10	50	68	89	94	410	48	46
Argentina.....	473	692	1,035	1,082	1,148	(6)	729	419	45	19	33	66	75	73	11	56	8	11
Brazil.....	953	1,074	1,327	1,484	1,684	81	1,021	239	83	1,021	68	309	722	69	112	143	131	(2)
Chile.....	738	829	844	879	964	686	(2)	68	193	112	112	112	112	112	15	1	15	3
Colombia.....	424	526	597	629	692	421	324	93	135	48	98	135	103	99	83	5	4	3
Peru.....	496	558	660	680	752	620	(6)	1,780	376	463	371	475	440	435	430	380	16	35
Venezuela.....	2,569	2,704	2,615	2,555	2,620	24	24	38	113	-9	3	4	6	14	9	(2)	10	4
Other countries ³	144	220	293	305	325	29	29	547	73	126	148	168	169	199	41	10	19	19
Other Western Hemisphere.....	884	1,445	1,622	1,779	1,979	473	667	291	291	397	768	729	849	915	6	4	587	318
Europe ⁴	6,991	13,985	16,217	17,926	19,386	61	4,640	10,778	9,98	1,460	1,451	1,444	386	321	438	(9)	34	331
Common Market.....	2,645	6,304	7,657	8,444	8,902	19	2,149	5,373	4,451	1,451	1,451	1,451	365	321	352	(2)	17	40
Belgium and Luxembourg.....	231	356	742	867	963	(2)	14	583	345	21	35	35	35	35	57	-	12	4
France.....	741	1,609	1,758	1,904	2,010	10	235	1,345	261	22	42	50	65	65	(3)	12	67	-4
Germany.....	1,006	2,451	3,077	3,486	3,774	(6)	1,104	2,273	397	66	236	183	241	212	(3)	21	173	18
Italy.....	334	982	1,161	1,246	1,272	(2)	479	614	1,79	24	28	31	28	43	(3)	21	37	6
Netherlands.....	283	1,856	359	942	1,073	(2)	259	557	257	11	25	35	45	61	-	2	47	13
Other Europe.....	4,046	7,681	8,624	9,482	10,304	42	2,490	5,405	4,466	2,522	402	408	452	476	(3)	-30	216	251
United Kingdom.....	5,234	5,657	6,113	6,703	7,304	2	1,562	4,297	3,882	2,117	270	251	274	281	-12	209	84	84
Africa.....	925	1,918	2,659	2,713	2,713	673	357	1,967	1,490	319	-17	327	341	364	63	483	483	17
South Africa.....	286	529	597	666	692	78	147	332	184	32	78	80	74	32	(2)	19	23	23
Asia.....	2,292	3,569	3,887	4,289	4,693	44	2,800	1,138	712	853	1,059	1,010	1,211	1,222	(2)	1,143	84	55
Middle East.....	1,153	1,203	1,249	1,749	2,013	3	1,654	63	83	738	826	863	1,059	1,069	-	1,069	4	8
Far East.....	1,994	8,133	2,069	2,520	2,821	42	1,146	1,075	629	114	203	147	193	175	80	75	80	47
Oceania.....	994	1,670	1,923	2,330	2,645	367	1,503	304	304	37	62	67	65	73	-18	62	18	18
Australia.....	856	1,985	2,016	2,336	2,705	365	(6)	1,418	863	30	50	54	55	53	23	(2)	61	1
International ⁵	1,418	1,985	2,016	2,336	2,705	1,451	-	-	-	-	1,451	-	1,451	-	22	-	-	16

¹ Represents zero. ² Less than \$60,000. ³ Includes shipping enterprises registered in Liberia and Panama but operating worldwide.

⁴ Excludes direct investment in Cuba amounting to \$85 million (book value). ⁵ Includes shipping companies in Panama, which are included with "International."

^a Combined ship and "Other Industries." ^b Includes British Mediterranean Possessions.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, September and October issues.

Foreign Investments

767

No. 1210. DIRECT FOREIGN INVESTMENTS IN THE UNITED STATES—VALUE, BY AREA AND INDUSTRY: 1950 TO 1968

[In millions of dollars. Covers U.S. business enterprises, including real estate investments, in which there was a foreign interest or ownership of 25 percent or more]

AREA AND INDUSTRY ¹	1950	1955	1960	1964	1965	1966	1967	1968 (prel.)
All areas	3,301	5,076	6,910	8,363	8,797	9,054	9,923	10,815
Petroleum	405	853	1,238	1,612	1,710	1,740	1,885	2,261
Manufacturing	1,138	1,759	2,611	3,213	3,478	3,780	4,181	4,475
Finance and insurance	1,065	1,499	1,810	2,181	2,169	2,072	2,198	2,305
Canada	1,029	1,542	1,934	2,284	2,388	2,439	2,575	2,659
Petroleum	56	196	203	205	208	98	99	100
Manufacturing	468	711	932	1,129	1,219	1,342	1,397	1,413
Finance and insurance	153	170	246	382	370	386	354	376
Europe	2,228	3,369	4,707	5,819	6,076	6,273	7,004	7,750
Petroleum	349	657	1,028	1,494	1,481	1,620	1,772	2,146
Manufacturing	609	1,040	1,611	2,005	2,167	2,335	2,669	2,941
Finance and insurance	870	1,272	1,504	1,723	1,724	1,611	1,758	1,855
United Kingdom	1,108	1,749	2,248	2,796	2,852	2,864	3,156	3,400
Petroleum	95	204	339	498	511	558	612	749
Manufacturing	337	510	722	812	839	906	1,000	1,076
Finance and insurance	554	836	953	1,154	1,176	1,075	1,189	1,239
Netherlands	334	613	947	1,231	1,304	1,402	1,508	1,750
Petroleum	226	411	630	842	887	953	1,021	1,215
Manufacturing	44	127	213	290	328	356	388	426
Finance and insurance	34	37	42	39	36	39	41	54
Switzerland	348	522	773	896	940	949	1,096	1,238
Manufacturing	204	282	427	530	590	615	744	863
Finance and insurance	147	223	300	321	303	287	300	331
Other Europe	377	485	730	897	980	1,059	1,245	1,353
Petroleum	28	42	50	64	83	109	130	182
Manufacturing	84	121	249	367	410	458	529	576
Finance and insurance	135	176	209	209	209	210	219	281
Other areas	134	165	269	259	332	341	343	406

¹ Area totals include industries not shown separately. ² Direct investments (in millions of dollars): Belgium, 273; France, 288; Germany, 387; Italy, 92; and Sweden, 205.

Source: Dept. of Commerce, Office of Business Economics; *Foreign Business Investments in the United States*, 1962; *Survey of Current Business*, August 1964 and, thereafter, September and October issues; and unpublished data.

No. 1211. U.S. RESERVE ASSETS AND SHORT-TERM LIABILITIES TO FOREIGNERS: 1955 TO 1970

[In millions of dollars. As of end of year or month. Covers U.S. gold stock, including gold in Exchange Stabilization Fund; holdings of convertible foreign currencies by U.S. monetary authorities; and liabilities maturing in 1 year or less as reported by U.S. banks. For changes in types of liabilities and holders, see table 1212. "Foreigners" refers to international and regional organizations, foreign governments, central banks, and other official institutions, as well as banks, organizations, and individuals domiciled abroad and the foreign subsidiaries and offices of U.S. banks and commercial firms]

ITEM AND REGION OR COUNTRY	1955	1960	1965	1967	1968	1969		1970, March (prel.)
						March	Dec.	
Gold stock, U.S.	21,753	17,804	13,806	12,065	10,892	10,836	11,859	11,903
Special drawing rights	—	—	—	—	—	—	—	920
Foreign currency holdings	—	—	781	2,345	3,528	3,601	2,781	1,950
Reserve position in IMF ¹	1,044	1,555	863	420	1,290	1,321	2,324	2,577
Short-term liabilities to foreigners	11,895	18,701	25,551	30,505	31,717	33,031	40,290	41,601
International and regional ²	175	1,441	1,479	1,273	1,483	1,396	1,412	1,568
Foreign	11,720	17,260	24,072	29,232	30,234	31,635	35,878	40,033
Official ³	6,953	10,212	13,066	14,027	11,318	9,037	11,043	13,923
Other	4,707	7,048	11,006	15,205	18,916	21,998	27,885	26,110
Europe	6,147	9,046	11,627	16,194	16,170	17,074	21,916	22,379
France	1,081	519	997	1,380	1,383	1,476	1,588	1,601
Germany, Federal Republic of	1,454	3,476	1,429	2,217	2,640	1,064	1,381	2,080
Italy	785	877	1,620	1,948	729	633	627	605
Netherlands	164	328	339	589	276	298	403	526
Switzerland	757	678	1,389	1,732	2,165	2,154	2,027	2,171
United Kingdom	550	1,667	2,714	4,667	6,133	8,808	11,590	10,100
Other	1,356	1,501	3,160	3,711	2,854	2,611	4,240	4,696
Canada	1,032	2,439	2,574	2,709	2,797	3,061	3,061	3,813
Latin America	2,000	2,308	4,027	4,134	4,664	4,765	5,571	5,905
Asia	2,181	3,115	5,286	5,541	5,953	5,993	6,396	6,905
Other	390	352	558	564	650	742	1,004	1,171

¹ Represents zero. ² International Monetary Fund (IMF). ³ Excludes holdings of dollars by IMF derived from payments of U.S. subscription and from exchange transactions and other separations of the IMF. (Liabilities representing "gold investment" of IMF continue to be included.) Also, excludes holdings of U.S. Treasury letters of credit and nonnegotiable, non-interest-bearing special U.S. notes by other international and regional organizations. Excludes Bank for International Settlements and European Fund; see footnote 3.

⁴ Represents liabilities to foreign central banks, foreign central governments and their agencies, Bank for International Settlements, and European Fund.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 1212. CHANGES IN U.S. MONETARY RESERVE ASSETS AND IN U.S. LIQUID LIABILITIES TO FOREIGNERS: 1960 TO 1969

[In millions of dollars. See headnote, table 1211]

ITEM	1960	1964	1965	1966	1967	1968	1969 (prel.)
Total [surplus (-)]	3,901	2,800	1,335	1,357	3,544	-168	7,058
Monetary reserve assets [increase (-)]	2,145	171	1,222	568	52	-880	-1,187
Gold stock	1,703	125	1,665	571	1,170	1,173	-807
Convertible currencies		-220	349	-540	-1,024	-1,183	814
IMF gold tranche position	442	266	1-94	537	-94	-870	-1,034
Liquid liabilities to all foreigners [decrease (-)]	1,756	2,629	113	789	3,492	712	8,245
To foreign official agencies	1,448	1,075	-18	-1,595	2,020	-3,099	-527
Central banks and governments	1,448	1,075	-52	-1,772	1,998	-3,096	-516
Demand and time deposits ²	204	658	-10	-106	169	-483	311
Other private obligations ²	400	228	224	-123	21	-56	818
U.S. Government obligations	544	294	-266	-1,543	1,808	-2,577	-2,145
International Monetary Fund ³	300	-	34	177	22	-3	-11
To foreign commercial banks	140	1,454	116	2,697	1,272	3,382	9,372
Demand and time deposits ²	841	1,032	-153	2,203	1,195	2,737	7,202
Other private obligations ²	-284	348	298	470	84	745	2,080
U.S. Government short-term securities	-417	74	-29	24	-7	-100	-10
To other foreign residents and unallocated	-167	343	306	212	414	374	-437
Demand and time deposits ²	18	322	366	164	413	248	-472
Other private obligations ²	-38	33	-171	-3	-27	69	-50
U.S. Government obligations	-145	-12	111	51	28	57	85
To international and regional organizations not included above	855	-243	-291	-525	-214	55	-63
Demand and time deposits ²	143	-182	-30	-47	-4	-	-44
Other private obligations ²	-6	176	-48	-93	-55	1	120
U.S. Government obligations	198	-237	-213	-385	-155	54	-130

- Represents zero. ¹ Reflects \$259 million payment of gold portion of increased U.S. subscription to the International Monetary Fund (IMF) in the second quarter of 1965. ² Time deposits with maturity of 1 year or less; negotiable certificates of deposit with maturity of 1 year or less included with other private obligations, which are mainly money market paper. ³ Includes liabilities of U.S. monetary authorities for gold deposited by and held for IMF. Excludes dollar holdings of IMF except holdings acquired through gold sales to the United States with the option to reverse the transactions.

Source: Dept. of Commerce, Office of Business Economics; Survey of Current Business, June 1968 and March 1970.

No. 1213. FEDERAL GOVERNMENT OUTLAYS FOR INTERNATIONAL AFFAIRS AND FINANCE: 1960 TO 1970

[In millions of dollars. For years ending June 30]

PROGRAM OR AGENCY	1960	1965	1966	1967	1968	1969	1970 est.
Total outlays	3,054	4,340	4,490	4,517	4,619	3,785	4,118
Conduct of foreign affairs							
Department of State	214	347	315	336	354	372	397
Other	215	300	301	321	339	357	381
-1	47	14	15	16	15	15	16
Economic and financial assistance	1,391	2,041	2,329	3,057	3,053	2,421	2,744
Agency for International Development:							
Technical cooperation and development grants	140	227	224	221	219	196	176
Supporting assistance	741	387	500	587	433	474	461
Alliance for progress development loans	-	202	291	410	312	300	284
Development loan revolving fund	202	754	677	662	598	540	458
Other AID	522	474	451	430	374	421	382
International financial institutions	80	66	92	170	201	121	286
Export-Import Bank	-323	-162	-22	436	790	246	600
Peace Corps and other	20	93	116	132	120	123	127
Foreign information and exchange activities	137	223	227	245	263	238	237
Department of State	24	58	61	56	51	47	39
United States Information Agency	113	165	187	185	187	184	197
Other	-	-	-	3	15	7	1
Food for Peace	1,458	1,852	1,784	1,452	1,204	975	971
Deductions for offsetting receipts	146	125	165	542	245	217	236

- Represents zero.

Source: Executive Office of the President, Bureau of the Budget; The Budget of the United States Government.

Foreign Grants and Credits

769

No. 1214. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1969

[In millions of dollars. "P.L." means Public Law. See text, pp. 761-762]

PROGRAM	Post World War II period ¹	July 1945- Dec. 1962	1963	1964	1965	1966	1967	1968	1969 (prel.)
Total, net	121,181	87,400	5,043	4,923	5,044	4,433	5,143	4,721	4,474
Investment in 5 international agencies ²	1,605	1,117	62	112	-	-101	194	127	184
Under assistance programs, net	119,486	86,284	4,981	4,811	5,044	4,533	4,949	4,594	4,290
Net new grants ³	92,824	71,852	3,533	3,282	3,472	2,951	2,779	2,562	2,391
Gross new grants	95,000	73,933	3,562	3,304	3,487	2,060	2,787	2,570	2,397
Military aid	39,708	31,369	1,625	1,403	1,074	1,046	978	861	750
Foreign Assistance Act ⁴	38,053	29,716	1,625	1,403	1,074	1,046	978	861	750
Economic and technical aid	55,294	42,584	1,937	1,901	1,814	1,914	1,809	1,700	1,646
Foreign Assistance Act ⁴	34,002	26,950	1,007	889	993	1,071	1,065	984	982
Farm products disposals:									
Foreign currencies, P.L. 83-480 ⁶	3,040	801	382	532	333	388	222	227	155
Famine and other urgent relief	4,287	2,355	329	277	273	240	206	264	254
Payment of transportation	792	272	75	74	74	66	80	76	77
Supplies to military or trusteeship administration areas	6,166	5,930	23	21	30	27	28	38	58
Peace Corps	664	33	48	70	82	109	108	110	105
Other	6,353	6,224	13	38	29	13	11	11	15
Less: Reverse grants and returns	2,176	2,081	28	22	15	9	8	8	8
Military	493	449	9	8	9	5	4	5	4
Other aid (economic, technical)	1,683	1,632	19	14	6	4	3	3	2
Net new credits ⁷	23,783	11,317	1,163	1,559	1,598	1,388	2,447	2,211	2,100
New credits:									
Export-Import Bank Act	40,359	20,544	2,142	2,270	2,463	2,613	3,443	3,587	3,206
Foreign Assistance Act ⁴	14,483	8,162	508	337	533	908	1,260	1,517	1,259
Country program loans	12,321	4,559	1,145	1,103	1,180	1,217	1,228	1,170	1,151
Financing of military sales	11,045	4,211	1,053	1,059	1,105	1,115	1,169	1,046	931
Deficiency and basic materials development credits	147	147	-	-	-	-	-	-	-
Social Progress Trust Fund	538	23	66	67	71	70	68	73	100
P.L. 83-480 ⁶	6,881	1,043	464	750	730	470	882	827	805
Loans of foreign currency:									
To foreign governments	4,910	1,800	386	600	538	188	651	446	291
To private enterprises	318	93	25	48	36	45	30	20	22
Long-term credit sales	1,653	41	63	102	156	246	201	361	492
P.L. 80-806 ⁸	195	-	-	-	-	-	52	67	76
Other	5,978	5,880	23	20	11	9	22	7	6
Less: Principal collections	16,576	9,227	980	711	865	1,225	996	1,376	1,197
Export-Import Bank Act	8,095	4,571	642	467	592	556	537	930	699
Foreign Assistance Act ⁴	2,258	841	189	141	150	180	249	296	232
Country program loans	1,701	570	143	113	119	142	210	232	173
Financing of military sales	373	153	23	22	26	31	28	49	40
Deficiency and basic materials development credits	127	118	2	3	1	1	1	1	1
Social Progress Trust Fund	57	(2)	1	3	4	6	10	14	18
P.L. 83-480 ⁶	485	110	15	19	38	54	81	75	94
Loans of foreign currency:									
To foreign governments	206	97	4	4	6	12	19	35	29
To private enterprises	104	13	9	10	11	14	18	14	17
Long-term credit sales	175	-	1	4	21	29	46	26	48
Lend-lease, surplus property, and grant settlements	3,195	2,309	93	80	80	370	68	52	50
P.L. 80-806 ⁸	58	-	-	-	-	-	-	16	41
Other	1,584	1,308	61	5	5	65	66	5	72

See footnotes at end of table.

No. 1214. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1969—Con.

[In millions of dollars. "P.L." means Public Law. See text, pp. 761-762]

PROGRAM	Post World War II period ¹	July 1945- Dec. 1962	1963	1964	1965	1966	1967	1968	1969 (prel.)
Other assistance (through net accumulation of foreign currency claims) ²	2,879	3,114	285	-30	-27	194	-278	-179	-201
Currency claims acquired	15,300	8,554	1,284	1,304	1,079	953	851	700	480
Sales of farm products	14,458	8,474	1,216	1,312	981	844	740	558	334
Second stage operations ³	842	81	68	82	98	109	111	142	152
Less: Currencies disbursed	12,422	5,440	909	1,424	1,106	788	1,128	878	687
Economic grants and credits to purchasing country	9,708	4,145	812	1,178	908	619	897	689	459
Other uses	2,714	1,295	187	246	197	189	231	190	228

¹ Represents zero. ² Less than \$500,000.¹ July 1, 1945 through Dec. 31, 1969. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). ² For details, see table 1215.³ Net new grants have not been adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits. Prior grants converted into credits were as follows: July 1945-December 1956, \$2,257 million; 1962, \$460 million. Repayments on these settlements included in net new credits. Technically, prior grants recorded into credits amounting to \$273 million are so recorded for convenience, as settlements are still to be reached with governments in question.⁴ Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs.⁵ Beginning 1964, Defense Dept. transactions estimated. ⁶ Agricultural Trade Development and Assistance Act.⁷ Outstanding credits on Dec. 31, 1969, totaled \$26,370 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs, and net adjustments due to exchange rates (\$903 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$20,131 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers.⁸ Commodity Credit Corporation Charter Act.⁹ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,309 million), was \$1,571 million on Dec. 31, 1969.¹⁰ Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under Public Law 33-480, which—since enactment of Public Law 87-128—are available for the same purposes as Public Law 33-480 currencies.Source: Dept. of Commerce, Office of Business Economics; periodic report, *Foreign Grants and Credits by the United States Government*.

No. 1215. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRY: 1945 TO 1969

[In millions of dollars. See text, pp. 761-762. Negative figures (—) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products]

TYPE AND COUNTRY	Post World War II period ¹	July 1945- Dec. 1962	1963	1964	1965	1966	1967	1968	1969 (prel.)
Total, net ²	121,181	87,400	5,043	4,923	5,044	4,433	5,143	4,721	4,474
Investment in international agencies	1,005	1,117	62	112	—	-101	194	127	184
Asian Development Bank	40	—	—	—	—	-10	10	10	10
Inter-American Development Bank	444	250	—	50	—	-111	65	64	126
International Bank for Reconstruction and Development	635	635	—	—	—	—	—	—	—
International Development Assn.	540	197	62	62	—	—	119	53	48
International Finance Corporation	35	35	—	—	—	—	—	—	—
Under assistance programs	119,486	86,284	4,981	4,811	5,044	4,533	4,949	4,594	4,290
Military grants ³	30,213	30,920	1,616	1,394	1,665	1,041	973	856	747
Western Europe (excluding Greece and Turkey)	16,613	15,167	435	289	242	137	154	130	59
Near East (incl. Greece, Turkey, and U.A.R.) and South Asia	7,090	4,011	383	309	330	255	345	283	274
Africa (excluding U.A.R.)	294	93	30	25	24	34	29	34	25
Far East and Pacific	13,617	9,036	685	687	1,006	538	877	342	348
Western Hemisphere	1,184	774	56	59	59	72	64	64	38
Unspecified areas	414	340	27	26	3	5	5	4	4
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	80,273	55,364	3,365	3,417	3,370	3,492	3,076	3,738	3,543

See footnotes at end of table.

Foreign Grants and Credits

771

No. 1215. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRY: 1945 TO 1969—Continued

[In millions of dollars. See headnote, p. 770]

TYPE AND COUNTRY	Post World War II period ¹	July 1945- Dec. 1962							1969 (proj.)
			1963	1964	1965	1966	1967	1968	
Western Europe	24,141	24,039	-254	116	-100	-243	283	153	147
Austria	1,082	1,080	(-z)	-1	4	-2	-1	(z)	-7
Belgium-Luxembourg	646	679	-6	-8	-8	-6	11	-7	-8
Denmark	261	271	-2	-2	-2	-2	-1	-1	-1
Finland	50	78	-2	-6	-9	-6	-6	-6	8
France	4,150	4,725	-244	-38	-205	-96	-2	12	-3
Germany, Federal Republic of	2,865	3,074	-14	-5	(-z)	-207	13	8	-4
Iceland	68	65	1	1	(z)	(z)	5	-2	-2
Ireland	123	137	-2	-2	-3	-3	-2	-6	4
Italy	3,036	2,800	5	78	32	-122	41	-22	224
Netherlands	761	903	-72	-1	-2	(-z)	(-z)	-66	(-z)
Norway	281	252	-4	-5	-4	-3	-1	-2	-2
Portugal	166	100	17	30	12	5	-4	6	-2
Spain	1,030	870	1	-10	19	31	69	45	15
Sweden	97	88	(z)	-1	(z)	-	6	2	3
United Kingdom	6,713	6,496	-75	-14	-20	57	126	185	-42
Yugoslavia	1,975	1,612	131	87	72	94	7	(z)	-28
European Atomic Energy Community	81	-	12	19	20	22	6	4	-3
European Coal and Steel Community	56	84	-4	-4	-4	-4	-4	-4	-5
European Payments Union	238	238	-	-	-	-	-	-	-
Other ³ and unspecified	504	478	5	-2	-4	-1	19	7	-1
Eastern Europe	1,577	1,548	43	46	-12	-13	-11	4	-27
Albania	20	20	-	-	-	-	-	-	-
Czechoslovakia	191	191	-	-	-	-	-	-	-
Eastern Germany	17	17	-	-	-	-	-	-	-
Hungary	19	26	-1	-1	-1	-1	-1	(-z)	-1
Poland	963	885	48	52	-5	-5	-3	10	-19
U.S.S.R.	366	409	-5	-5	-5	-7	-7	-6	-7
Near East and South Asia	20,544	10,241	1,741	1,790	1,673	1,445	1,453	1,185	1,012
Afghanistan	335	151	33	37	34	28	24	15	13
Ceylon	148	76	5	4	4	6	14	18	20
Cyprus	20	16	2	1	(z)	(-z)	(z)	(z)	1
Greece	1,973	1,502	30	35	27	5	11	-2	6
India	7,788	2,698	740	864	864	760	838	576	458
Iran	912	667	20	-6	8	31	18	70	107
Iraq	48	21	5	12	7	4	2	-1	-1
Israel	1,008	730	49	34	61	47	25	22	40
Jordan	583	344	55	45	38	58	19	13	12
Lebanon	95	83	3	-2	(z)	1	1	4	4
Nepal	129	43	14	17	16	12	11	8	9
Pakistan	3,032	1,489	380	377	349	220	331	278	209
Saudi Arabia	88	14	-2	3	1	54	3	8	8
Syria	56	61	-3	(-z)	-1	-1	(-z)	(-z)	(-z)
Turkey	2,190	1,338	175	132	140	125	104	94	83
United Arab Republic	1,126	575	184	194	97	60	5	7	4
Yemen	45	22	8	6	5	4	1	(-z)	(z)
UN RWA	519	310	35	32	28	27	27	28	32
Other ³ and unspecified	148	42	10	6	6	6	24	46	8
Africa	3,533	1,266	308	288	376	413	338	277	268
Algeria	177	48	40	39	8	27	11	(z)	2
Cameroon	28	3	3	3	7	4	3	3	2
Congo, Democratic Republic of ⁶	353	114	43	40	51	38	35	21	12
Dahomey	10	3	1	1	1	1	1	1	1
Ethiopia	175	80	18	8	11	11	11	15	13
Ghana	220	9	13	8	33	62	35	26	33
Guinea	89	10	15	11	22	12	7	5	7
Ivory Coast	26	2	2	7	3	0	(-z)	1	5
Kenya	62	16	3	2	13	15	2	7	5
Liberia	239	113	11	12	25	23	37	13	6
Libya	206	183	10	6	8	(z)	-6	3	(z)
Malagasy Republic	12	3	1	1	2	2	1	1	2
Mali	18	4	2	2	3	3	1	1	2
Morocco	623	305	56	39	51	50	34	53	35
Nigeria	215	21	15	25	26	31	35	30	32
Senegal	31	5	4	5	1	3	5	3	5
Sierra Leone	40	3	3	3	13	7	4	4	2
Somali Republic	67	20	7	6	9	6	5	6	7
South Africa	91	-41	-16	-11	-13	-4	-2	-2	-2
Sudan	95	64	11	10	11	6	5	11	7
Tanzania	74	16	4	6	10	9	11	11	1
Togo	14	4	2	2	1	1	2	1	1
Tunisia	573	250	38	44	65	39	49	44	47
Uganda	28	4	2	2	5	4	5	4	4
Other ⁷ and unspecified	253	31	15	15	25	47	46	28	40

See footnotes at end of table.

No. 1215. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRY:
1945 TO 1969—Continued

[In millions of dollars. See headnote, p. 770]

TYPE AND COUNTRY	Post World War II period ¹	July 1945- Dec. 1962	1963	1964	1965	1966	1967	1968	1969 (prel.)
Far East and Pacific.									
Australia	18,685	12,543	776	573	648	974	1,001	1,033	1,136
Burma	372	1	-14	3	12	33	153	159	26
Cambodia ²	107	80	10	5	3	2	1	1	5
China (Taiwan)	257	228	20	7	2	(z)	(z)	(z)	12
Hong Kong	2,281	1,049	76	45	40	80	38	32	1
Indonesia	43	31	5	(z)	2	2	1	1	1
Japan	1,037	576	78	32	-3	27	52	125	150
Korea, Republic of	2,475	2,615	32	-49	-57	47	-9	-124	22
Laos ³	4,684	3,309	240	158	167	188	193	161	256
Malaysia	644	306	32	39	58	56	58	44	51
New Zealand	84	18	7	2	4	4	6	27	16
Philippines	42	8	-1	-2	-1	21	-6	8	16
Ryukyu Islands	1,247	1,025	11	40	46	22	33	34	28
Thailand	370	261	8	22	19	12	16	13	18
Trust Territory of the Pacific Islands	610	291	20	18	25	20	39	50	38
Vietnam ⁴	231	71	18	13	18	18	20	30	44
Other ⁵ and unspecified	4,117	1,599	212	221	301	503	401	487	444
Western Hemisphere.									
Argentina	8,414	3,952	576	447	644	739	655	806	594
Bolivia	348	367	11	5	-3	-3	-20	-14	5
Brazil	464	245	45	34	30	21	24	38	28
Canada	2,345	1,168	130	213	153	236	143	190	97
Chile	3	7	(z)	(-7)	-	-	31	-27	5
Costa Rica	1,129	427	111	97	102	88	50	151	104
Cuba	768	274	60	38	35	59	86	108	99
Dominican Republic	143	67	7	10	14	10	12	11	13
Ecuador	41	40	(z)	-	-	-	-	-	-
El Salvador	387	22	48	22	79	54	60	46	35
Guatemala	197	74	14	17	17	21	27	15	10
Guyana	99	24	11	10	11	17	11	7	7
Haiti	208	128	10	9	11	8	15	17	10
Honduras	35	2	1	1	3	3	7	8	9
Jamaica	111	86	3	4	5	3	3	4	3
Mexico	85	38	5	4	10	7	6	7	9
Nicaragua	42	8	3	3	4	6	10	6	3
Panama	570	438	-18	-55	38	54	50	53	16
Paraguay	114	46	7	7	7	11	9	10	16
Peru	172	63	19	10	21	22	17	10	12
Surinam	91	47	9	7	5	4	3	8	8
Trinidad and Tobago	342	201	4	17	33	30	24	24	9
Uruguay	9	4	(z)	(z)	1	(z)	(z)	(z)	4
Venezuela	49	1	9	8	17	6	2	6	(z)
Other ⁶ and unspecified	106	40	8	(z)	2	4	4	23	16
Other international organizations and unspecified areas	306	109	43	-40	40	41	48	33	32
	265	33	19	26	9	38	33	62	42
	3,379	1,774	175	157	150	178	252	281	412

⁻ Represents zero. ^Z Less than \$500,000 or net minus (-) of less than \$500,000.¹ July 1, 1945 through Dec. 31, 1969. All lend-lease and conversions of prior grants to credits from V-J Day (Sept. 2, 1945). For additional details on immediate postwar period, see prior editions of the *Statistical Abstract*.² Beginning 1964, Dept. of Defense transactions estimated.³ Comprises Liechtenstein, Malta, San Marino, Switzerland, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation.⁴ United Nations Relief and Works Agency for Palestine refugees.⁵ Comprises Bahrain, Kuwait, and Southern Yemen. ⁶ Formerly known as Congo (Kinshasa).⁷ Comprises Angola, Botswana, British Islands East of Africa, Burundi, Central African Republic, Chad, Congo (Brazzaville), French Territory of Afars and Issas, Gabon, Gambia, Lesotho, Malawi, Mauritania, Mauritius, Niger, Rwanda, St. Helena, Seychelles and dependencies, South West Africa, Southern Rhodesia, Swaziland, Upper Volta, Zambia, and unspecified Portuguese, French, and Spanish Africa.⁸ Separate data for Cambodia, Laos, and Vietnam became available during 1954. For earlier periods, total data were shown as Indochina (see footnote 9). Some unspecified transactions occurred in 1955 and 1956.⁹ Comprises British Solomon Islands, Fiji Islands, Indochina (see footnote 8), Macao, New Caledonia, Singapore, Tonga Islands, and Western Samoa.¹⁰ Comprises Bahamas, Barbados, British Honduras, French Guiana, other islands of the West Indies, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.Source: Dept. of Commerce, Office of Business Economics; periodic report, *Foreign Grants and Credits by the United States Government*.

Foreign Assistance

773

No. 1216. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1948 TO 1969

[In millions of dollars. For years ending June 30]

YEAR	Total economic and military aid ¹	ECONOMIC AID				MILITARY AID			Additional military aid grants from excess stocks ¹	
		Total	Grants	Loans		Total	Grants	Loans		
				Total	Development loans					
1948-1969, total	84,482	48,195	34,481	18,714	10,269	36,288	34,499	1,789	1,840	
Principal repayments	2,467	1,884	-	1,884	637	638	-	633	-	
Interest collected	1,581	1,540	-	1,540	586	41	-	41	-	
1949 (15 months)	6,283	6,283	5,116	1,167	-	-	-	-	-	
1950	3,670	3,614	3,451	163	-	56	56	-	11	
1951	3,603	2,622	2,577	45	-	980	980	-	108	
1952	3,466	1,955	1,784	201	-	1,481	1,481	-	73	
1953	6,119	1,960	1,934	26	-	4,159	4,159	-	66	
1954	5,524	2,228	2,114	114	-	3,296	3,296	-	59	
1955	4,217	1,821	1,624	197	-	2,306	2,306	-	47	
1956	4,424	1,506	1,298	208	-	2,928	2,920	8	34	
1957	3,712	1,627	1,305	322	-	2,085	2,078	7	32	
1958	3,984	1,620	1,203	417	267	2,364	2,325	39	138	
1959	4,026	1,916	1,201	626	562	2,110	2,050	60	77	
1960	3,584	1,866	1,302	564	522	1,718	1,697	21	265	
1961	3,388	2,012	1,305	707	630	1,374	1,344	30	203	
1962	3,957	2,509	1,180	1,330	1,068	1,448	1,427	21	143	
1963	4,152	2,300	954	1,346	1,251	1,832	1,808	44	122	
1964	3,638	2,141	808	1,338	1,258	1,498	1,414	83	53	
1965	3,340	2,033	904	1,129	1,085	1,307	1,236	71	86	
1966	3,746	2,554	1,326	1,228	1,163	1,192	1,062	130	60	
1967	3,225	2,253	1,162	1,091	1,011	972	814	159	47	
1968	2,747	1,802	963	920	876	855	719	137	45	
1969	2,822	1,440	879	570	555	873	589	284	117	

¹ Represents zero. ² Military assistance programs chargeable to appropriations; totals exclude grants from stocks excess to requirements of U.S. military. Annual data for military assistance and excess stocks are deliveries; cumulative totals represent total amounts programmed for 1950-1969. The difference between the sum of the data by years and the cumulative total is the value of goods programmed but not yet delivered.

Source: Dept. of State, Agency for International Development; annual report, *U.S. Economic Assistance Programs Administered by the Agency for International Development and Predecessor Agencies*, and Semiannual Operations Report.

No. 1217. FOREIGN ASSISTANCE—AID EXPENDITURES FOR COMMODITIES: 1969

[In millions of dollars, except as indicated. For year ending June 30. See text, p. 762. "N.e.c." means not elsewhere classified]

COMMODITY GROUP	1969	COMMODITY GROUP	1969
Total, all sources	1,024.6	Machinery and transportation equipment—Con.	
Offshore	10.9	Machinery and equipment—Con.	
Percent of total	1.1	Electrical machinery and appliances	65.7
U.S. source	1,013.7	Tractors, all types	27.7
Percent of total	98.9	Engines and turbines	26.1
Raw materials and semifinished products		Office machinery	8.6
Chemicals, except fertilizers	382.5	Agricultural equipment ²	7.4
Chemical elements and compounds	140.2	Machine tools and metal working equipment	4.4
Plastics and related products	62.6	Foundry, rolling mill, welding machinery	1.4
Medicinal and pharmaceutical preparations	26.8	Industrial machinery, n.e.c.	102.7
Dyeing, tanning, and coloring materials	15.8	Transportation equipment	83.5
Other	4.9	Motor vehicles and parts	79.2
Iron and steel mill products	30.0	Railroad equipment	1.6
Plates and sheets, including tinplate	120.9	Vessels and equipment	1.2
Ingots and other primary forms	73.5	Aircraft and parts	1.0
Bars, rods, angles, shapes, and sections	26.4	Off-the-road vehicles	0.5
Tubes, pipes and fittings	7.1		
Rails and railway track materials	5.3	Fertilizers	95.8
Other	3.4	Feed for animals	0.7
Nonferrous metals and alloys	54.2	Fuel	40.3
Pulp, paper, and paper products	38.6	Petroleum and products	40.1
Fabricated basic textiles	11.8	Other	0.2
Nonmetallic mineral manufactures ¹	4.4	Foodstuffs	6.9
Other	3.4	Miscellaneous and adjustments	160.0
Machinery and transportation equipment	327.5	Rubber and products	25.8
Machinery and equipment	244.0	Crude rubber ³	15.9
		Tires and tubes	7.5
		Other	2.4
		Miscellaneous metal manufactures	14.1
		Professional, scientific, and controlling equipment	12.5
		Live animals	1.5
		Miscellaneous manufactured items, n.e.c.	14.5
		Other and adjustments	91.7

¹ Includes cement. ² Excludes tractors. ³ Includes synthetic and reclaimed.

Source: Dept. of State, Agency for International Development; semiannual Operations Report, and unpublished data.

No. 1218. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE UNDER THE FOREIGN ASSISTANCE AND PREDECESSOR ACTS: 1948 TO 1969

[In millions of dollars. Data represent net commitments during the period (increases less decreases) irrespective of fiscal years' funds; negative figures (−) occur when the value of all decreases is greater than the value of all increases]

REGION AND COUNTRY	Cumulative, 1948-1969			1969		
	Total	Loans	Grants	Total	Loans	Grants
Total for economic assistance	48,194.8	18,714.2	34,480.7	1,449.0	569.7	879.3
Near East and South Asia						
Afghanistan	10,976.4	6,280.4	4,696.1	284.8	252.1	32.7
Ceylon	227.8	45.7	182.1	8.4	1.2	7.1
Cyprus	42.0	25.7	16.3	5.0	5.0	—
Greece	1,061.3	99.0	902.3	(−2)	—	(−z)
India	3,405.7	2,982.5	423.2	167.2	158.6	8.6
Iran	601.0	219.7	381.2	−0.4	−0.2	−0.1
Iraq	18.8	—	18.8	—	—	—
Israel	512.8	234.8	278.0	−0.4	−0.4	—
Jordan	484.7	12.7	471.9	0.3	−0.4	0.6
Lebanon	57.5	4.9	52.6	—	—	—
Nepal	48.1	0.9	47.2	2.6	−0.1	2.7
Pakistan	2,161.9	1,497.9	663.9	66.7	59.2	7.5
Saudi Arabia	27.4	—	27.4	—	—	—
Syrian Arab Republic	4.8	3.2	1.5	—	—	—
Turkey	1,983.2	1,030.8	952.4	32.7	29.5	3.2
United Arab Republic	154.6	85.8	68.8	−0.3	−0.3	—
Yemen	32.4	—	32.4	(−z)	—	(−z)
Central Treaty Organization	53.1	18.3	34.7	−0.3	—	−0.3
Regional	97.9	18.3	79.6	3.4	—	3.4
Latin America	4,964.2	3,528.3	1,435.9	290.4	210.1	80.3
Argentina	134.6	118.0	16.6	0.9	−0.9	1.8
Bolivia	343.5	116.6	226.9	8.0	5.1	2.9
Brazil	1,265.8	1,104.2	161.7	−11.7	−21.8	10.1
British Honduras	1.0	—	1.0	—	—	—
Chile	622.7	551.9	70.7	34.6	31.9	2.7
Colombia	604.6	551.9	52.7	99.1	96.1	3.0
Costa Rica	79.1	55.1	24.0	13.7	12.1	1.6
Cuba	2.8	—	2.8	—	—	—
Dominican Republic	311.5	175.0	136.4	11.3	8.0	3.3
Ecuador	131.7	81.8	50.0	5.7	3.2	2.5
El Salvador	71.5	43.3	28.2	10.4	8.1	2.3
Guatemala	137.7	40.5	97.2	5.8	2.6	3.2
Guyana	55.8	40.2	15.6	16.5	15.4	1.1
Haiti	65.8	5.7	60.1	1.9	0.1	1.9
Honduras	81.9	49.6	32.0	2.5	0.5	2.1
Jamaica	19.3	10.7	8.6	(−z)	−0.9	0.9
Mexico	70.6	66.4	10.2	0.2	—	0.2
Nicaragua	96.3	71.9	24.4	1.7	(−z)	1.7
Panama	149.2	103.7	45.5	15.8	13.1	2.7
Paraguay	71.1	38.2	32.0	9.5	7.6	1.9
Peru	163.6	99.0	64.6	3.6	(−z)	3.6
Surinam	4.0	1.0	3.0	—	—	—
Trinidad and Tobago	38.8	—	38.8	−0.3	—	−0.3
Uruguay	46.3	35.6	10.7	1.3	(−z)	1.3
Venezuela	68.4	55.0	13.4	0.9	—	0.9
ROCAP ¹	141.3	112.5	28.8	33.7	30.0	3.7
Regional	179.2	0.4	178.9	25.4	—	25.4
Vietnam ²	3,687.1	86.7	3,600.3	249.2	−0.4	249.5
East Asia	7,368.5	908.6	6,487.9	199.6	66.9	132.7
Burma	60.2	33.7	26.5	0.1	—	0.1
Cambodia ²	251.7	—	251.7	−0.2	—	−0.2
China, Republic of	1,367.0	212.2	1,154.8	−1.6	−1.6	—
Indochina, undistributed	825.6	—	825.6	—	—	—
Indonesia	400.1	170.6	229.5	55.7	50.1	5.6
Japan	21.8	—	21.8	—	—	—
Korea	2,874.7	339.6	2,535.1	43.2	19.0	24.1
Laos ²	633.9	—	633.9	49.9	—	49.9
Malaysia	20.0	20.0	—	—	—	—
Philippines	301.3	57.7	243.6	5.1	—	5.1
Thailand	512.5	56.5	456.0	30.5	−0.7	31.1
Western Samoa	(z)	—	(2)	—	—	—
Regional	99.7	10.3	89.4	17.0	—	17.0

See footnotes at end of table.

No. 1218. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE UNDER THE FOREIGN ASSISTANCE AND PREDECESSOR ACTS: 1948 TO 1969—Continued

(In millions of dollars)

REGION AND COUNTRY	Cumulative, 1948-1969			1969		
	Total	Loans	Grants	Total	Loans	Grants
Africa.	2,266.2	1,008.6	1,257.7	107.7	29.0	78.7
Algeria	3.8	—	3.8	(—Z)	—	(—Z)
Botswana	0.2	—	0.2	0.1	—	—
Burundi	0.8	—	0.8	(Z)	—	(Z)
Cameroon	24.0	13.0	11.0	(Z)	—	(Z)
Central African Republic	3.8	—	3.8	0.1	—	0.1
Chad	4.7	—	4.7	(Z)	—	(Z)
Congo (Brazzaville)	1.6	—	1.6	—	—	—
Congo (Kinshasa)	267.4	71.3	196.0	3.7	2.8	0.8
Dahomey	7.0	0.8	6.1	0.1	—	0.1
Ethiopia	164.5	65.4	89.2	-3.8	-7.5	3.8
Gabon	3.6	—	3.6	(—Z)	—	(—Z)
Gambia	0.4	—	0.4	(Z)	—	(Z)
Ghana	125.7	110.2	15.5	(—Z)	-1.5	1.5
Guinea	44.4	7.6	36.8	0.6	(—Z)	0.6
Ivory Coast	13.3	7.0	6.4	(—Z)	—	(—Z)
Kenya	29.6	2.8	26.8	2.0	-0.1	2.1
Lesotho	0.3	—	0.3	0.1	—	0.1
Liberia	132.3	57.2	75.1	0.7	5.3	4.4
Libya	137.4	7.0	130.3	(—Z)	—	(—Z)
Malagasy Republic	9.7	5.0	4.7	0.4	0.3	0.1
Malawi	17.4	7.2	10.2	1.1	—	1.1
Mali, Republic of	14.6	3.2	11.4	(Z)	—	(Z)
Mauritania	1.9	1.4	0.5	(—Z)	—	(—Z)
Mauritius	0.1	—	0.1	0.1	—	0.1
Morocco	320.2	296.3	23.9	9.2	8.0	1.2
Niger	9.8	3.0	6.8	(—Z)	-0.2	0.1
Nigeria	222.8	68.7	154.2	32.9	-0.4	33.3
Rwanda	2.8	—	2.8	0.1	—	0.1
Senegal	9.8	1.3	8.5	0.3	—	0.3
Sierra Leone	11.3	—	11.3	0.2	—	0.2
Somali Republic	63.5	19.3	44.2	2.5	(—Z)	2.5
Southern Rhodesia	7.0	5.0	2.0	(—Z)	—	(—Z)
Sudan	74.8	13.5	61.3	-3.2	-2.1	-1.1
Swaziland	0.1	—	0.1	0.1	—	0.1
Tanzania	28.1	12.4	15.6	0.7	-0.6	1.3
Togo	6.0	—	6.0	0.2	—	0.2
Tunisia	288.9	160.8	119.1	6.3	4.1	2.2
Uganda	31.8	13.6	18.0	5.1	3.2	1.9
Upper Volta	5.3	—	5.3	0.1	—	0.1
Zambia	10.6	5.0	5.6	(—Z)	—	(—Z)
Regional	175.2	41.5	133.6	30.3	17.7	21.5
Europe.	15,228.9	1,876.2	13,352.7	(Z)	—	(Z)
Austria	726.0	—	726.0	—	—	—
Belgium-Luxembourg	560.0	68.0	492.0	—	—	—
Denmark	280.8	33.3	247.5	—	—	—
France	3,190.3	225.6	2,964.7	—	—	—
Germany:						
Berlin (West)	119.0	—	119.0	—	—	—
Federal Republic of	1,472.4	216.9	1,255.5	—	—	—
Iceland	60.2	24.7	35.5	—	—	—
Ireland	146.5	128.2	18.3	—	—	—
Italy	1,650.3	95.6	1,564.7	—	—	—
Netherlands	991.6	162.5	839.1	—	—	—
Norway	276.8	39.2	237.6	—	—	—
Poland	61.0	61.0	—	—	—	—
Portugal	51.1	36.1	15.0	—	—	—
Spain	576.6	99.1	477.5	(Z)	—	(Z)
Sweden	106.9	20.4	86.5	—	—	—
United Kingdom	3,834.9	384.8	3,450.1	—	—	—
Yugoslavia	574.1	187.8	386.3	—	—	—
Regional	550.6	103.0	447.6	—	—	—
Non-Regional.	3,703.6	33.4	3,670.2	317.4	12.0	305.4

Z Less than \$50,000 or net minus (—) of less than \$50,000. 1 Regional programs in Central America, covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Excludes aid to area of Indochina prior to partition in 1954. 2 Prior to partition in 1954.

Source: Dept. of State, Agency for International Development; annual report, U.S. Economic Assistance Programs Administered by the Agency for International Development and Predecessor Agencies, and semiannual Operations Report.

No. 1219. FOREIGN AID—DEVELOPMENT LOANS AUTHORIZED: 1958 TO 1969

(In millions of dollars. For years ending June 30. Represents actions taken to establish loans subject to acceptance of terms and conditions by borrowers; funds are set aside at the time of authorization. Negative figures (—) represent cancellations or reductions in authorizations made in a prior year)

REGION AND COUNTRY	Total, 1958-1969	LOANS AUTHORIZED					
		1958-1964	1965	1966	1967	1968	1969
Total.....	10,269	5,579	1,085	1,163	1,011	876	555
Near East and South Asia.....	5,640	3,413	594	547	441	392	252
Afghanistan.....	34	12	(2)	3	17	(—Z)	1
Ceylon.....	16	3	(—Z)	—	8	—	5
Cyprus.....	—	2	—2	—	—	—	—
Greece.....	64	92	—10	—18	—	—	—
India.....	2,850	1,715	256	209	195	226	160
Iran.....	141	139	—	5	—2	—1	(—Z)
Israel.....	195	166	20	9	(—Z)	(—Z)	(—Z)
Jordan.....	13	2	2	8	2	—1	(—Z)
Lebanon.....	5	5	—	(—Z)	—	—	—
Nepal.....	1	1	1	—1	—	(—Z)	(—Z)
Pakistan.....	1,395	813	175	108	121	118	59
Syrian Arab Republic.....	3	18	(—Z)	—	—14	—1	—
Turkey.....	876	376	153	135	180	52	30
United Arab Republic.....	40	68	—	(—Z)	—16	—1	(—Z)
Latin America.....	3,117	1,226	387	468	434	391	210
Argentina.....	98	135	—18	—8	(—Z)	—11	(—Z)
Bolivia.....	109	75	—4	22	11	(—Z)	5
Brazil.....	1,020	228	218	229	199	176	—22
Chile.....	441	170	97	83	9	51	32
Colombia.....	522	183	(—Z)	70	100	72	95
Costa Rica.....	53	27	6	(—Z)	5	3	12
Dominican Republic.....	71	2	8	15	17	22	8
Ecuador.....	57	45	8	1	(—Z)	(—Z)	3
El Salvador.....	43	27	1	2	—1	6	3
Guatemala.....	37	16	5	—3	8	9	3
Guyana.....	38	—	6	4	8	5	15
Haiti.....	6	5	(Z)	(Z)	(Z)	(Z)	(Z)
Honduras.....	45	16	1	10	7	11	1
Jamaica.....	11	8	4	—	—	—	—1
Mexico.....	66	42	25	—	—	(—Z)	—
Nicaragua.....	72	14	14	14	9	20	(—Z)
Panama.....	84	21	6	7	22	15	13
Paraguay.....	37	17	—	9	2	1	8
Peru.....	98	65	2	13	17	—1	(—Z)
Uruguay.....	36	20	—2	5	1	12	(—Z)
Venezuela.....	55	55	—	—	—	—	—
Central American Bank ¹	112	28	40	—5	20	(—Z)	30
Other or unannounced by country.....	(Z)	27	—27	—	(Z)	(Z)	—
East Asia and Vietnam.....	704	402	61	77	46	52	67
China (Taiwan).....	152	166	—6	—2	—3	—1	—2
Indonesia.....	81	11	(—Z)	—	—	20	50
Korea.....	340	104	48	79	60	29	19
Malaysia.....	20	20	—	—	—	—	—
Philippines.....	38	30	—2	(—Z)	7	4	—
Thailand.....	37	34	21	(—Z)	—17	—1	(—Z)
Vietnam.....	37	38	—	—	(—Z)	(—Z)	—
Africa.....	672	400	43	72	90	40	26
Cameroon.....	13	9	3	1	—	—	—
Congo (Brazzaville).....	—	3	—3	—	—	—	—
Congo (Kinshasa).....	3	—	—	—	3	—	—
Dahomey.....	1	—	—	—	1	—	—
Ethiopia.....	62	34	—1	30	6	1	—8
Ghana.....	110	82	—	(Z)	28	6	—2
Guinea.....	5	—	2	3	—1	—	—
Ivory Coast.....	7	7	—	—	(—Z)	(—Z)	(—Z)
Kenya.....	3	2	1	(Z)	(Z)	(Z)	(—Z)
Liberia.....	57	39	9	1	2	—	5
Libya.....	5	5	—	(—Z)	—	—	—
Madagascar Republic.....	5	—	3	—	2	—	(Z)
Malawi.....	7	—	—	(Z)	—	7	—
Mali, Republic of.....	3	3	—	—	—	—	—
Morocco.....	52	25	—	3	3	13	8
Niger.....	3	2	—	—	—	—	—
Nigeria.....	69	47	10	5	—1	8	(—Z)
Senegal.....	1	1	—	—	—	—	—
Somali Republic.....	19	6	1	—	13	(—Z)	(—Z)
Sudan.....	13	17	—	12	4	—17	—2
Tanzania.....	12	13	(Z)	(—Z)	1	(—Z)	—1
Tunisia.....	106	98	17	15	22	9	4
Uganda.....	14	5	—	1	5	(Z)	3
East Africa Regional.....	4	2	—	2	(Z)	(Z)	(Z)
Africa Regional.....	88	—	—	—	7	13	18
Europe.....	136	137	(—Z)	(—Z)	(—Z)	(—Z)	—
Netherlands.....	3	3	—	—	—	—	—
Spain.....	17	17	—	(—Z)	—	—	—
Yugoslavia.....	116	117	(—Z)	(—Z)	(—Z)	—	—

[—] Represents zero. ^Z Less than \$500,000 or net minus (—) of less than \$500,000.

¹ Allotted through the Regional Office for Central America and Panama.

Source: Dept. of State, Agency for International Development; semiannual *Operations Report*.

Exports and Imports

777

No. 1220. FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1946 TO 1969

[In millions of dollars, except per capita. Prior to 1961, merchandise totals exclude uranium, thorium, and related products and, prior to 1968, silver ore and bullion. For basis of dollar values and area coverage, see text, pp. 762-763. See *Historical Statistics, Colonial Times to 1957*, series U 1-14, for gold and silver]

ITEM	1946- 1950, avg.	1951- 1955, avg.	1956- 1960, avg.	1961- 1965, avg.	1960	1965	1967	1968	1969
Merchandise:									
Domestic and foreign exports, including Special Category ¹	11,829	15,333	19,212	24,007	20,575	27,478	31,526	34,636	37,988
Domestic	11,673	15,196	19,086	23,708	20,375	27,135	31,142	34,199	37,444
Per capita	78	93	107	124	111	138	154	168	182
Foreign	157	137	176	299	200	343	384	437	544
Domestic and foreign exports, excluding Special Category ¹	11,829	13,056	17,846	23,003	19,735	26,240	30,423	33,525	36,335
Special Category ¹	2,466	2,276	1,366	1,003	840	1,238	1,104	1,111	1,053
Domestic and foreign exports, excluding Military Assistance Program Grant-Aid shipments	11,829	13,316	17,846	23,196	19,626	26,609	30,934	34,063	37,314
Military Assistance Program Grant-Aid shipments ²	1,282	2,017	1,366	811	949	779	592	573	674
General imports	6,659	10,832	13,650	17,656	14,654	21,366	26,812	33,226	36,052
Per capita	45	67	77	92	80	103.34	133	163	175
Entered for immediate consumption	5,895	9,850	12,491	16,136	13,282	19,081	25,330	31,439	34,247
Entered for warehouse	764	982	1,159	1,520	1,372	1,705	1,483	1,787	1,805
Excess of exports	5,170	4,501	5,562	6,346	5,922	6,113	4,714	4,410	4,036
Imports for consumption	6,584	10,784	13,570	17,557	14,650	21,283	26,733	33,066	35,870
Per capita	44.08	66.35	76.60	91.52	80.04	107.92	132.48	162.19	174.15
Entered for immediate consumption	5,895	9,850	12,491	16,136	13,282	19,081	25,330	31,439	34,247
Withdrawn from warehouse	688	934	1,079	1,420	1,368	1,623	1,404	1,627	1,624
Free	3,843	5,075	5,843	6,571	5,780	7,434	10,215	12,342	18,017
Dutiable	2,741	4,809	7,727	10,086	8,870	18,849	16,518	20,724	22,853
Percent free	58	55	43	37	39	36	38	37	36
Duties calculated ³	439	582	882	1,300	1,084	1,643	2,016	2,341	2,551
Ratio of duties (percent):									
To total imports for consumption	7	5	7	7	7	8	8	7	7
To dutiable imports	16	12	11	12	12	12	12	11	11
Gold:									
Exports	271	152	46	614	2	1,285	1,005	830	12
Imports	1,106	202	207	79	385	102	33	226	237
Excess of exports (+) or imports (-)	-835	-50	-221	+535	-333	+1,183	+973	+613	-225
Silver:									
Exports	22	7	12	59	26	54	101	(NA)	(NA)
Imports	76	84	108	64	57	65	80	(NA)	(NA)
Excess of exports (+) or imports (-)	-54	-77	-96	-6	-32	-11	+21	(NA)	(NA)

NA. Not available.

¹ Beginning May 1949, exports of certain commodities were grouped into special categories for security reasons. Data for 1949-1964 and for 1958-1968 reflect relaxation of security restrictions made in 1965 and 1968, respectively.

² Average 1949-1950. ³ Began in October 1949. Data represent only shipments from United States and differ from Dept. of Defense figures because of differences in statistical definitions.

⁴ For July-December 1950 only. ⁵ 1947-1959, data from Bureau of Customs. Based on reports of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

Source: Dept. of Commerce, Bureau of the Census (except as noted); prior to 1965, *Foreign Commerce and Navigation of the United States*; thereafter, monthly reports, *Highlights of U.S. Export and Import Trade*, FT 990, *U.S. Gold and Silver Movement*, FT 2402, and unpublished data.

No. 1221. TOTAL EXPORTS AND EXPORTS FINANCED BY FOREIGN AND AGRICULTURAL AID: 1960 TO 1969

[In millions of dollars. Includes silver ore and bullion. Excludes insurance and freight]

ITEM	1960	1964	1965	1966	1967	1968	1969
Total exports	20,608	26,650	27,530	30,430	31,622	34,636	37,988
Exports financed under Foreign Assistance Act and Public Law 480	2,685	3,507	3,242	3,432	3,129	2,807	2,686
Percent of total	13.0	13.2	11.8	11.3	9.9	8.1	7.1
Loans and grants (AID)	432	1,077	1,140	1,186	1,300	1,066	994
Military grant-aid	949	818	779	940	592	573	674
Agricultural aid (Public Law 480)	1,304	1,612	1,923	1,823	1,237	1,178	1,018
Sales for foreign currencies	1,014	1,232	899	815	736	640	335
Donations	173	248	253	211	287	261	266
Barter for strategic materials	117	35	19	41	18	3	-
Long-term dollar credit sales	-	97	152	239	201	384	427

- Represents zero.

Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, *U.S. Foreign Trade*, and unpublished data. Quarterly data in Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 990.

Foreign Commerce and Aid

No. 1222. EXPORTS AND IMPORTS—INDEXES OF UNIT VALUE AND QUANTITY: 1956 TO 1969

(1957-59 average=100. See *Historical Statistics, Colonial Times to 1957*, series U 21-44, for indexes for earlier periods)

ITEM	EXPORTS OF U.S. MERCHANDISE ¹					IMPORTS ²				
	1956- 60 ³	1961- 65 ³	1967	1968	1969	1956- 60 ³	1961- 65 ³	1967	1968	1969
Unit value (average price)	100	103	111	113	117	100	97	103	104	107
Crude foodstuffs	100	104	107	108	104	100	90	100	101	105
Manufactured foodstuffs	98	96	107	108	109	99	102	114	115	121
Crude materials	99	101	105	103	105	100	96	96	96	100
Semimanufactures	101	92	93	89	90	101	95	101	104	105
Finished manufactures	99	107	119	124	130	100	100	106	106	100
Quantity	103	129	160	173	183	99	128	184	226	237
Crude foodstuffs	104	160	179	168	149	99	106	102	117	106
Manufactured foodstuffs	105	136	134	139	147	90	123	153	172	173
Crude materials	103	109	131	141	138	100	112	126	135	132
Semimanufactures	108	145	180	215	241	98	124	163	203	190
Finished manufactures	102	124	162	175	188	100	150	295	379	433
Total value	102	133	178	195	213	99	125	190	234	254
Crude foodstuffs	104	167	192	172	154	99	96	103	119	111
Manufactured foodstuffs	103	181	143	150	160	97	125	174	199	210
Crude materials	103	110	138	145	146	100	107	119	129	133
Semimanufactures	107	134	188	191	216	100	118	165	211	200
Finished manufactures	101	133	192	216	243	100	160	311	401	474

¹ Indexes exclude military grant-aid. ² Beginning 1965, indexes represent general imports. Earlier indexes are based on imports for consumption.³ Excludes silver ore and bullion.Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*.

No. 1223. EXPORTS OF MANUFACTURES—ESTIMATED VALUE, BY STATES, 1963 AND 1966, AND BY SELECTED PRODUCT GROUPS, 1966

(In millions of dollars, f.o.b., factor prices. State distribution estimated by Bureau of the Census on results of a 1963 and 1966 survey. The survey provided geographic distributions for two-thirds of the \$16.3 billion total in 1963 and 71 percent of the \$21.3 billion total in 1966. Product groups represent two-digit Standard Industrial Classification groups. For further details, including relation to official U.S. export figures, see source.)

STATE	Total, 1963	1966				STATE	Total, 1963	1966			
		Total ¹	Machin- ery, ex- electri- cal	Trans- porta- tion equip.	Chemical- icals and allied prod.			Total ¹	Machin- ery, ex- electri- cal	Trans- porta- tion equip.	Chemical- icals and allied prod.
U.S.	16,277	21,299	4,722	3,452	2,439	S.A.—Con.					
N.E.	1,092	1,303	344	168	62	W. Va.	154	215	12	(z)	119
Maine	42	42	3	2	2	N.C.	483	597	38	4	19
N.H.	40	50	26	(2)	(2)	S.C.	115	179	24	(z)	33
Vt.	35	37	6	(2)	(2)	Ga.	208	367	27	104	32
Mass.	526	604	183	13	25	Fla.	228	280	(3)	2	103
R.I.	58	100	33	(2)	5	E.S.C.	592	914	107	53	241
Conn.	390	470	94	152	30	Ky.	167	280	72	42	64
M.A.	3,526	4,342	981	377	578	Tenn.	188	314	18	6	107
N.Y.	1,447	1,812	464	121	150	Ala.	135	175	11	2	37
N.J.	842	986	120	119	202	Miss.	102	144	6	4	32
Pa.	1,238	1,544	387	138	166	W.S.C.	1,358	1,781	210	35	563
E.N.C.	4,919	6,320	2,163	1,621	327	Ark.	84	155	5	(z)	4
Ohio	1,420	1,633	489	439	90	La.	283	325	6	3	117
Ind.	472	620	129	180	28	Okla.	91	118	36	12	2
Ill.	1,441	1,885	918	139	86	Texas.	899	1,183	163	20	430
Mich.	1,086	1,553	298	790	116	Mt.	227	321	87	16	22
Wis.	500	630	328	74	7	Mont.	16	16	(z)	(z)	
W.N.C.	805	1,247	396	192	66	Idaho.	16	21	1	(z)	(z)
Minn.	194	311	119	23	7	Wyo.	1	2	-	(z)	(z)
Iowa	240	353	182	3	7	Colo.	73	95	38	1	7
Mo.	205	372	59	96	40	N. Mex.	21	23	(2)	(2)	(2)
N. Dak.	2	2	(z)	(2)	(z)	Ariz.	47	98	31	15	(2)
S. Dak.	8	7	1	(z)	-	Utah.	48	57	18	(2)	(2)
Nebr.	40	55	11	2	3	Nev.	6	8	(2)	-	(2)
Kans.	117	146	26	67	9	Pac.	1,939	2,629	260	852	105
S.A.	1,817	2,443	172	138	475	Wash.	301	626	22	360	8
Del.	28	62	3	2	26	Oreg.	88	147	11	8	
Md.	225	233	36	22	34	Calif.	1,494	1,785	227	476	95
D.C.	8	11	-	-	(z)	Alaska.	38	42	-	-	-
Va.	308	400	20	3	105	Hawaii.	18	29	1	-	-

¹ Represents zero. ² Less than \$0.5 million. ³ Includes product groups not shown separately.⁴ Range, less than \$1.0 million. ⁵ Range, \$10.0 to \$24.9 million. ⁶ Range, \$1.0 to \$4.9 million.⁷ Range, \$5.0 to \$9.9 million.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M161(66)-1.

Exports, by Commodity

779

No. 1224. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1969

[In millions of dollars. Totals include data for commodities not shown separately. Total exports of silver ore and bullion included through 1967, domestic merchandise shipments thereafter. Beginning 1965, data not comparable with earlier years due to change in U.S. export classification effective January 1, 1965; however, to achieve best comparability possible with 1965, 1960-1964 data have been restabulated on the basis of major content commodity items. "N.e.c." means not elsewhere classified]

COMMODITY	1960	1963	1964	1965	1966	1967	1968	1969
U.S. merchandise	20,408	23,102	26,297	27,187	29,994	31,238	34,199	37,444
Percent of total:								
Food and live animals	13.2	15.8	15.5	14.7	15.2	13.0	11.4	10.0
Crude materials, inedible, except fuels	13.7	10.8	11.3	10.5	10.2	10.5	10.4	9.5
Mineral fuels and related materials	4.1	4.2	3.6	3.5	3.3	3.5	3.1	3.0
Chemicals	8.7	8.7	9.0	8.8	8.9	9.0	9.6	9.0
Machinery and transport equipment	34.3	35.7	35.6	37.3	37.2	40.3	42.2	43.7
Other manufactured goods	18.7	17.5	18.2	18.0	18.0	17.5	17.8	18.7
Food and live animals	2,684	3,657	4,076	4,003	4,562	4,061	3,890	3,733
Meat and preparations	115	144	177	182	159	151	162	199
Meat, fresh, chilled or frozen	84	121	150	136	130	122	134	172
Dairy products and eggs	123	253	292	192	125	117	141	131
Grains and preparations	1,761	2,380	2,662	2,637	3,190	2,678	2,483	2,127
Wheat, including wheat flour	1,029	1,331	1,532	1,184	1,586	1,207	1,101	881
Rice	151	178	208	244	230	316	348	348
Coarse grains	518	793	856	1,135	1,335	1,055	927	867
Corn	285	591	652	833	876	704	734	726
Grain sorghums	108	138	122	209	357	299	171	132
Fruits and nuts	265	205	307	339	340	338	303	370
Fruit, fresh	110	133	143	145	166	161	133	161
Vegetables	133	170	153	148	169	154	161	170
Feed for animals	87	201	222	278	327	331	372	406
Beverages and tobacco	483	531	554	517	624	649	702	713
Tobacco and manufactures	477	523	545	506	611	635	686	695
Leaf tobacco	379	401	409	378	472	487	511	529
Cigarettes	87	107	115	105	111	116	134	129
Crude materials, inedible, except fuels	2,805	2,494	2,978	2,856	3,071	3,284	3,541	3,570
Hides and skins, except fur skins	76	75	93	109	155	128	122	152
Soybeans	336	472	507	551	780	772	810	822
Synthetic rubber	201	156	179	161	175	170	180	140
Wood in the rough	38	80	93	125	137	202	287	303
Wood shaped or simply worked	104	108	120	119	132	135	151	176
Lumber, softwood	78	85	94	94	101	105	127	160
Woodpulp	154	182	208	100	210	234	265	439
Textile fibers and wastes	1,111	712	818	617	566	591	605	230
Raw cotton, excluding linters	980	577	682	486	432	404	450	
Ores and metal scrap	408	372	504	435	422	524	586	712
Iron and steel scrap	242	175	243	197	177	251	201	303
Ores and scrap, nonferrous base	183	119	180	164	152	193	263	287
Mineral fuels and related materials	842	978	953	947	976	1,104	1,050	1,181
Coal	354	474	463	477	468	483	503	594
Petroleum and products	408	479	461	418	434	539	454	434
Lubricating oils	196	215	206	185	190	198	189	172
Animal and vegetable oils and fats	295	303	414	472	357	338	274	308
Tallow, inedible	99	104	154	179	153	144	128	127
Soybean oil	110	120	140	162	125	143	97	95
Chemicals	1,776	2,009	2,364	2,402	2,675	2,802	3,287	3,383
Chemical elements and compounds	612	749	907	970	1,029	1,098	1,240	1,381
Dyeing, tanning, and coloring materials	78	79	91	93	106	109	124	121
Medicinal and pharmaceutical products	238	238	236	256	269	288	314	363
Fertilizers, manufactured	72	92	137	153	221	231	265	218
Plastic materials and resins	315	823	402	425	473	473	590	590
Machinery and transport equipment	6,992	8,243	9,369	10,147	11,155	12,574	14,447	16,380
Machinery, nonelectrical	4,476	5,702	6,525	6,934	7,978	8,280	8,844	10,138
Power generating machinery	3,386	4,209	4,880	5,274	5,778	6,181	6,600	7,481
Agricultural machinery	147	183	225	219	233	237	215	214
Tractors and parts	418	461	601	646	627	606	638	703
Electronic computers, parts and accessories	48	187	218	228	295	432	485	728
Other office machines	160	175	216	248	262	275	262	323

See footnotes at end of table.

No. 1224. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1969—Continued

[In millions of dollars. Totals include data for commodities not shown separately. Total exports of silver ore and bullion included through 1967, domestic merchandise shipments thereafter. Beginning 1965, data not comparable with earlier years due to change in U.S. export classification effective January 1, 1965; however, to achieve comparability possible with 1965, 1960-1964 data have been restabulated on the basis of major content of commodity items. "N.e.c." means not elsewhere classified]

COMMODITY	1960	1963	1964	1965	1966	1967	1968	1969
Machinery and transport equipment—Con.								
Machinery, nonelectrical—Con.								
Metalworking machinery	203	347	408	332	338	339	334	343
Metallcutting machines	117	133	101	159	145	162	141	169
Textile and leather machinery	180	190	228	207	227	206	207	239
Other machines	1,650	2,005	2,288	2,558	2,821	3,040	3,240	3,654
Construction, excavating, and maintenance equipment	270	322	383	323	319	349	355	386
Materials handling equipment	193	202	298	397	432	446	462	531
Air-conditioning and refrigerating equipment and parts	135	180	193	210	251	288	327	362
Pumping equipment, incl. parts	81	103	110	143	170	185	191	217
Pipe valves and parts	64	83	90	111	129	141	151	170
Electrical apparatus	1,000	1,402	1,665	1,680	1,900	2,098	2,284	2,678
Power machinery and switchgear	250	326	356	472	488	510	531	561
Generators or generating sets	85	99	122	149	120	116	118	95
Transforming, converting, and transmission apparatus	83	109	119	120	132	132	137	141
Telecommunications apparatus	228	390	404	345	381	477	535	619
Radio and television apparatus	180	334	346	304	340	421	476	543
Domestic electrical equipment	112	98	112	116	130	121	121	132
Transport equipment ²	2,517	2,540	2,844	3,214	3,478	4,294	5,603	6,242
Railway vehicles	133	140	112	140	116	145	81	86
Road motor vehicles, and parts ²	1,270	1,518	1,749	1,744	2,154	2,503	3,123	3,515
Automobiles, nonmilitary, new	237	286	347	398	564	812	972	1,010
Trucks and tractor trucks, commercial, new	330	229	200	279	301	338	347	447
Parts and accessories, commercial	524	726	848	875	1,023	1,110	1,929	1,755
Aircraft, parts, and accessories	1,024	817	874	1,137	1,097	1,510	2,300	2,398
Civilian aircraft	537	248	287	478	553	700	1,405	1,241
Other manufactured goods	3,815	4,046	4,795	4,890	5,388	5,468	6,084	7,001
Rubber manufactures	152	148	161	165	168	156	188	196
Paper and manufactures	255	312	374	389	443	486	545	555
Paper and paperboard	185	220	274	325	367	383	456	492
Nonmetallic mineral manufactures, n.e.c.	198	262	301	302	342	340	389	448
Metals and manufactures	1,632	1,458	1,864	1,787	1,888	1,827	2,117	2,536
Iron and steelmill products ³	635	505	664	607	537	539	583	640
Plates and sheets	381	216	288	184	142	150	150	287
Tubes, pipes, and fittings	102	130	129	100	189	181	185	204
Silver bullion, refined	24	38	141	51	110	92	200	103
Nonferrous base metals	517	406	487	639	582	517	600	712
Copper	291	208	228	293	307	209	282	282
Aluminum	154	126	159	159	178	197	191	294
Metal manufactures, n.e.c.	427	495	539	553	615	626	643	703
Tools for hand or machine	110	114	130	141	156	158	169	188
Textiles, other than clothing	478	489	577	528	554	531	522	576
Textile yarn and thread	114	123	153	131	128	110	112	142
Cotton broad-woven fabrics, exc. remnants	142	109	118	98	110	98	91	102
Textile fabrics, woven, exc. cotton	102	118	140	135	137	139	128	142
Clothing	140	135	141	143	164	104	176	209
Professional, scientific, and controlling instruments	241	334	374	480	565	627	664	780
Photographic supplies	63	89	103	130	159	180	208	224
Printed matter	137	175	201	226	261	279	292	312
Other transactions	718	841	794	954	1,187	959	924	1,227
Firearms of war and ammunition	485	586	524	644	844	635	567	746
Estimate for shipments of \$100 or less	174	194	228	245	262	246	272	395

¹ Includes parts for tractors. ² Excludes parts for tractors. ³ Excludes pig iron.

Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, U.S. Foreign Trade, and Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 990.

Imports by Commodity

781

No. 1225. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1969

[In millions of dollars. Totals include data for commodities not shown separately. Beginning with the introduction of the new tariff schedule, September 1963, figures for some commodities are not comparable with data for earlier years. "N.e.c." means not elsewhere classified]

COMMODITY	1960	1963	1964	1965	1966	1967	1968	1969
General imports	15,073	17,207	18,749	21,429	25,618	26,889	33,226	36,052
<i>Estimated c.i.f. values</i>	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
Percent of total:								
Food and live animals	19.9	19.8	18.6	16.1	15.4	14.9	13.8	12.6
Cloot materials, inedible, exc. fuels	18.3	15.8	15.4	14.5	12.9	11.1	10.1	9.6
Mineral fuels and related materials	10.5	11.2	10.8	10.4	8.8	8.4	7.6	7.8
Chemicals	5.3	4.1	3.7	3.6	3.7	3.6	3.4	3.4
Machinery and transport equipment	9.7	10.6	11.8	13.8	18.8	21.5	24.0	27.1
Other manufactured goods	30.3	32.2	33.0	35.1	33.8	33.5	34.6	33.3
Food and live animals	2,996	3,401	3,487	3,460	3,948	4,003	4,577	4,531
Cattle, except for breeding	62	68	42	98	97	59	91	94
Meat and preparations	314	527	410	426	600	645	746	864
Meat, fresh or frozen	176	359	267	231	348	389	449	545
Ham, shoulders, and bacon, canned, cooked, and boned	86	101	106	132	176	177	190	210
Fish	308	394	426	480	553	522	631	692
Fruits and nuts	218	235	301	389	389	360	437	429
Bananas ²	79	82	127	182	179	174	182	180
Vegetables	98	109	125	139	170	196	215	233
Sugar	507	611	468	442	501	588	640	698
Coffee, green	1,003	955	1,197	1,058	1,087	983	1,140	894
Cocoa or cacao beans	143	135	131	120	122	147	136	168
Tea	56	59	60	58	57	58	61	53
Spices	45	35	39	51	50	46	48	51
Feeds for animals	28	57	72	54	85	100	106	69
Beverages and tobacco	396	462	535	553	642	698	786	778
Alcoholic beverages	273	345	387	426	497	528	626	548
Tobacco, unmanufactured	117	113	142	121	137	162	148	117
Crude materials, inedible, except fuels	2,752	2,726	2,880	3,103	3,310	2,997	3,346	3,460
Hides and skins, except for skins	70	65	82	80	89	61	78	82
Fur skins, undressed	96	114	102	113	126	92	103	94
Copra	63	38	43	55	42	46	52	47
Rubber, including latex	322	197	201	182	177	170	188	275
Lumber, softwood	260	305	294	300	307	327	401	546
Lumber, hardwood	49	55	67	74	90	62	63	77
Woodpulp	305	329	370	399	425	396	432	501
Textile fibers and wastes	395	449	407	436	436	306	335	280
Wool and other animal hair	235	280	263	282	277	188	199	155
Vegetable fibers	102	96	66	60	61	63	45	34
Synthetic and man-made fibers	18	31	41	53	64	48	65	60
Industrial diamonds	52	50	60	56	60	53	48	42
Asbestos, unmanufactured	65	64	73	70	73	66	73	76
Ores and metal scrap	761	712	847	971	1,064	1,007	1,008	1,013
Iron ore and concentrates	322	323	421	444	462	444	454	403
Silver ore and base bullion	38	48	54	56	44	33	50	47
Ores and concentrates of nonferrous base metals	365	304	328	421	471	448	431	482
Bauxite crude	78	115	129	143	148	168	147	172
Mineral fuels and related materials	1,587	1,924	2,030	2,221	2,262	2,248	2,527	2,794
Petroleum and products	1,550	1,814	1,907	2,092	2,127	2,086	2,343	2,580
Petroleum, crude and partly refined	957	1,114	1,170	1,215	1,229	1,187	1,310	1,445
Petroleum products	593	700	736	877	898	919	1,033	1,115
Natural gas	33	104	99	105	106	129	147	195
Animal and vegetable oils and fats	95	105	119	116	146	122	158	137
Chemicals	807	701	702	769	955	958	1,129	1,232
Organic chemicals	61	93	132	160	226	221	281	314
Inorganic chemicals	133	124	141	158	203	217	260	303
Uranium oxide	364	190	111	68	41	18	5	15
Medicinal and pharmaceutical products	47	50	41	58	75	72	78	83
Fertilizers, manufactured	77	90	105	112	131	142	140	137
Machinery and transport equipment	1,466	1,823	2,216	2,948	4,823	5,794	7,987	9,768
Machinery ³	724	1,054	1,314	1,800	2,038	3,090	3,772	4,571
Machinery, nonelectrical ³	438	635	871	1,160	1,877	1,963	2,280	2,624
Engines and parts	24	49	136	195	331	383	517	603
Agricultural machinery	89	117	144	156	190	216	188	180
Tractor and parts	46	55	51	93	134	125	134	156
Office machines	68	98	104	136	191	225	256	372
Metalworking machinery	37	48	40	63	135	203	204	183
Textile and leather machinery	70	93	127	157	221	237	308	305
Other nonelectrical machines	103	175	269	360	474	574	673	816

See footnotes at end of table.

No. 1225. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1969—Con.

[In millions of dollars. See headnote, p. 781]

COMMODITY	1960	1963	1964	1965	1966	1967	1968	1969
Machinery and transport equipment—Continued								
Machinery—Continued								
Electrical apparatus	286	410	443	640	1,010	1,136	1,402	1,947
Power machinery and switchgear	23	22	41	87	105	133	108	108
Telecommunications apparatus	127	220	225	314	481	536	737	1,006
Electron tubes, transistors, semiconductor devices, and parts	13	31	34	63	102	101	141	174
Transport equipment ¹	742	764	902	1,148	2,135	2,605	4,215	5,108
Automobiles and parts	827	563	686	810	1,618	2,286	3,712	4,624
Automobiles, new	514	440	579	658	1,236	1,695	2,782	3,355
Motorcycles	13	38	69	134	176	104	112	166
Aircraft and parts	54	91	83	140	273	248	294	253
Other manufactured goods	4,572	5,516	6,188	7,528	8,668	9,004	11,508	12,021
Leather manufactures and dressed furs	52	65	69	87	103	89	114	123
Rubber tires and tubes	21	23	40	45	61	88	126	147
Wood manufactures ²	163	232	260	271	304	303	420	466
Veneers, plywood, and other wood, worked	103	155	188	192	222	209	295	328
Plywood	76	109	122	123	148	141	218	245
Paper and manufactures	750	765	827	870	985	903	976	1,081
Newsprint	688	688	752	790	890	885	863	939
Construction materials of lime, cement, and clay	45	62	69	71	74	65	83	102
Glass, glassware, and pottery	142	140	164	168	197	212	274	314
Glass	55	59	60	57	60	79	111	119
Pottery	65	63	69	75	82	85	106	133
Diamonds, excluding industrial	166	224	260	303	375	389	478	511
Metals and manufactures	1,529	1,003	2,123	2,875	3,300	3,442	4,647	4,037
Pig iron and ferroalloys	55	53	70	94	122	84	85	86
Iron and steelmill products	431	508	715	1,140	1,183	1,280	1,962	1,724
Bars, rods, shapes, and pilings	188	233	264	377	368	385	528	508
Plates and sheets	86	138	196	475	492	507	908	724
Steel wire	39	54	66	79	83	84	108	112
Tubes, pipes, and fittings	88	113	126	144	168	180	267	215
Nonferrous base metals	702	907	970	1,198	1,468	1,477	1,812	1,374
Copper	353	331	400	425	611	656	855	486
Nickel	89	163	154	180	180	204	210	210
Aluminum	107	195	200	264	301	244	350	264
Lead	61	45	47	61	76	80	82	72
Tin	88	109	104	167	154	167	184	189
Silver, refined bullion	16	20	10	7	33	44	88	71
Platinum group metals	13	32	51	69	84	85	121	89
Metal manufactures, n.e.c.	261	289	307	366	411	463	579	603
Nails, screws, and bolts	56	66	78	101	101	106	128	158
Textiles, other than clothing	502	679	681	800	909	808	902	1,019
Textile yarn and thread	36	56	53	66	106	82	130	100
Cotton fabrics, woven	97	110	103	134	157	141	146	174
Textile fabrics, woven, except cotton ³	275	348	349	423	449	307	467	506
Twine and cordage	34	52	56	48	45	41	38	36
Floor coverings	57	38	45	45	53	46	66	67
Clothing	304	395	451	543	608	649	855	1,106
Footwear	148	124	140	160	190	263	388	488
Professional, scientific, photographic, and controlling instruments	82	118	150	178	215	236	285	333
Photographic and projection equipment	31	47	51	52	65	77	96	111
Optical goods; medical and dental apparatus	30	47	63	71	96	99	120	146
Clocks and watches	70	77	83	100	136	142	151	161
Musical instruments, sound recorders and reproducers, and parts	47	92	118	157	200	225	309	423
Printed matter	46	62	69	77	97	103	116	126
Articles of plastic and rubber, n.e.c.	6	21	57	78	81	95	145	201
Toys, games, and sporting goods	84	124	141	155	180	213	283	348
Artworks and antiques	73	108	108	141	136	141	186	135
Other transactions	401	518	591	730	866	1,065	1,208	1,331
U.S. goods returned	233	310	368	458	503	605	687	756
Low-value shipments, estimate ⁴	130	174	181	233	261	284	322	304

NA. Not available. ¹ Value on a cost, insurance, and freight basis; Cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry.

² Beginning 1965, not comparable with data for earlier years due to change in valuation, initiated May 1964, increasing the average price per pound. ³ Includes parts for tractors. ⁴ Excludes parts for tractors.

⁵ Excludes furniture. ⁶ Excludes narrow or special fabrics.

⁷ Formal entries valued at \$1 to \$100 and informal entries under \$250 through June 1965, and both formal and informal entries under \$250 thereafter.

Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, U.S. Foreign Trade, and Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 990.

Exports in Relation to Output

783

No. 1226. DOMESTIC EXPORTS IN RELATION TO DOMESTIC OUTPUT, SELECTED COMMODITY GROUPS: 1960 TO 1967

[Data cover 4-digit Standard Industrial Classification (SIC) commodity groups with exports valued over \$10 million and accounting for 15 percent or more of domestic output in 1965, 1966, or 1967. For a description of origin, classification, and limitations of the data, see source. "N.e.c." means not elsewhere classified]

COMMODITY GROUP	EXPORTS (mil. dol.)				PERCENT OF OUTPUT			
	1960	1965	1966	1967	1960	1965	1966	1967
AGRICULTURE								
Cotton farm products (incl. seeds).....	982	487	434	465	41	20	35	41
Cash grain farm products.....	1,753	2,805	3,540	2,099	10	27	29	26
Leaf tobacco.....	378	378	472	487	32	31	38	37
MINERALS								
Molybdenum (metal content).....	40	45	55	51	46	27	28	38
Bituminous coal and lignite.....	331	465	458	475	17	20	10	19
Phosphate rock.....	38	67	86	94	23	34	33	38
Sulfur.....	41	64	79	82	35	44	39	32
MANUFACTURES								
Condensed and evaporated milk ¹	106	158	109	108	10	15	9	8
Dried and dehydrated food products.....	48	50	58	60	16	15	13	13
Milled rice and byproducts ²	148	245	229	315	52	55	51	58
Cottonseed oil mill products.....	55	79	31	12	13	15	6	3
Soybean oil mill products.....	3 120	279	270	320	12	19	16	18
Vegetable oil mill products, n.e.c.	18	31	36	23	9	14	16	11
Animal and marine fats and oils.....	4 123	217	184	167	(X)	27	21	24
Pulp mill products.....	167	205	225	248	27	26	27	28
Synthetic rubber.....	201	161	175	170	25	17	17	17
Medicinals and botanicals.....	5 260	6 168	6 183	6 197	5 9	36	34	36
Gum and wood chemicals.....	62	41	48	50	34	20	23	24
Carbon blacks.....	50	27	28	24	35	16	15	15
Copper smelting and refining products.....	280	257	273	170	7 45	7 27	7 24	7 20
Steam engines and turbines.....	40	142	118	104	7	20	17	10
Construction machinery and equipment.....	786	{ 1,085	1,048	1,082	{ (X)	{ 30	{ 27	{ 29
Mining machinery and equipment.....		94	102	108		21	19	21
Oil filled machinery and equipment.....	160	177	186	208	31	26	26	32
Machine tools, metalforming, and metalworking, n.e.c.	220	219	246	197	22	15	14	12
Food products machinery.....	72	108	124	125	16	18	18	18
Textile machinery and parts.....	114	127	140	125	23	19	18	19
Woodworking machinery and parts.....	26	39	40	40	15	15	13	15
Paper industries machinery and parts.....	63	67	62	73	18	16	14	14
Printing trades machinery and parts.....	46	75	86	96	18	16	16	15
Special industry machinery.....	8 166	287	332	354	8 18	19	20	22
Pumps and compressors.....	-142	243	286	331	13	15	16	17
Electronic computing equipment.....		223	295	432	{ 18	{ 18	{ 11	{ 11
Calculating and accounting machines.....	170	{ 184	168	174				
Office machines, n.e.c.	28	80	92	98	9	25	23	23
Commercial laundry equipment and parts.....	14	28	30	31	12	16	15	(X)
Sewing machines and parts.....	9 36	31	31	29	9 28	27	27	25
X-ray and therapeutic apparatus.....	10 10	26	33	39	(X)	21	21	22
Aircraft.....	757	781	766	1,089	10	17	12	13
Aircraft propellers and parts.....	11	14	14	18	11	15	14	6
Locomotives and parts.....	(NA)	103	79	108	(X)	19	18	18
Engineering and scientific instruments.....	192	{ 129	157	166	{ (X)	{ 19	{ 18	{ 18
Mechanical measuring and controlling instr. ¹¹		219	257	294				
Lapidary work ¹²	7	44	59	62	15	60	75	63

NA Not available. X Not applicable. ¹ Beginning 1965, excludes ice cream mix. Includes private shipments for relief or charity, for 1960, 1965, 1966, and 1967, amounting to (in millions of dollars) 30.0, 61.3, 36.5, and 51.7 respectively. ² 1960 excludes byproducts. Includes private shipments for relief and charity, for 1960, 1965, 1966, and 1967, amounting to (in millions of dollars) 21.5, 0.4, 0.2, and 0.6 respectively. ³ Excludes some byproducts.

⁴ Excludes feed and fertilizer byproducts. ⁵ Includes pharmaceuticals. ⁶ Includes donations of medicinals and pharmaceuticals for relief and charity by individuals and private agencies, amounting to \$17.8 million in 1965, \$19.3 million in 1966, and \$22.7 million in 1967. ⁷ Based on data for refined copper and alloys.

⁸ Includes commercial and industrial vacuum cleaners. ⁹ Includes used and rebuilt.

¹⁰ Excludes electromedical diagnostic equipment. ¹¹ Includes automatic temperature controls.

¹² Includes some unworked stones.

Source: Dept. of Commerce, Bureau of the Census; U.S. Commodity Exports and Imports as Related to Output, 1967 and 1968.

No. 1227. IMPORTS FOR CONSUMPTION IN RELATION TO NEW SUPPLY, SELECTED COMMODITY GROUPS: 1960 TO 1967

[Data cover 4-digit Standard Industrial Classification (SIC) commodity groups with imports valued over \$10 million and accounting for 15 percent or more of new supply (output plus imports) in 1965, 1966, or 1967. See source for qualifications of data. "N.e.c." means not elsewhere classified.]

COMMODITY GROUP	IMPORTS (mil. dol.)				PERCENT OF NEW SUPPLY			
	1960	1965	1966	1967	1960	1965	1966	1967
Agriculture: ¹								
Field crop fibers (mainly sisal and abaca)	38	31	25	21	100	100	100	100
Bananas and plantains	80	165	181	177	100	100	100	100
Tree nuts, edible	52	59	66	63	29	32	31	27
Copra	64	55	42	46	100	100	100	100
Coffee	1,003	1,058	1,067	963	100	100	100	100
Cocoa beans	143	121	122	147	100	100	100	100
Wool, except mohair	49	117	121	76	30	54	55	50
Carpet wools	67	39	39	20	100	100	100	100
Spices	39	37	35	34	100	100	100	100
Persian lamb and caracul furs, undressed	21	16	15	9	100	100	100	100
Silk	27	20	23	18	100	100	100	100
Tea	57	58	57	58	100	100	100	100
Forestry:								
Gums and barks	21	30	26	27	100	100	100	100
Crude rubber and allied gums	326	188	181	175	100	100	100	100
Fisheries:								
Finfish	100	178	219	186	34	46	45	45
Shellfish	105	227	227	232	40	52	52	52
Minerals:								
Iron ores and concentrates ²	322	444	462	444	31	36	35	35
Lead and zinc ores ⁴	72	81	68	88	30	23	20	27
Bauxite and other aluminum ores	80	149	153	158	79	89	88	89
Manganese ores and concentrates	82	110	78	66	93	96	96	96
Mercury ores and metallic mercury	4	8	12	11	33	40	56	48
Uranium ores and concentrates	364	58	41	13	70	41	21	7
Fluorspar	14	20	22	25	58	65	67	65
Potash, soda, borate minerals ⁵	23	61	75	73	13	20	24	24
Sulfur (including elemental) ²	16	27	34	48	12	15	14	18
Gypsum	9	12	16	10	20	24	31	22
Natural abrasives, except sand	52	55	66	61	97	95	100	(X)
Peat	14	12	12	12	73	66	64	64
Manufactures:								
Canned and cured seafood	82	88	105	103	18	17	18	20
Sugar and byproducts	549	467	534	632	6 26	6 19	6 20	6 22
Wines and brandy	53	79	90	100	6 16	6 17	6 18	6 19
Bottled liquors (except brandy) ⁷	206	323	354	397	25	25	25	28
Carpets, rugs, and mats, n.e.c.	11	22	25	19	17	26	29	17
Lace goods	8	8	9	11	14	15	(X)	17
Scouring and combing mill products	98	92	90	59	50	43	43	39
Cordage and twine	36	49	46	42	19	24	23	20
Textile goods, n.e.c.	136	240	253	220	(X)	55	53	60
Gloves, except leather	(NA)	30	28	28	(NA)	13	11	16
Shingles, cooperage stock, n.e.c.	27	30	27	27	(X)	(X)	(X)	19
Pulp mill products ²	306	399	425	396	33	33	33	31
Paper mill products ²	717	826	938	915	19	19	19	19
Medicinals ²	to 39	79	104	101	10 1	15	16	16
Rubber footwear ¹²	86	63	61	83	25	15	14	18
Leather gloves and mittens ¹²	13	30	28	28	19	30	27	28
Ceramic wall and floor tile	15	29	28	23	9	16	17	15
Vitreous china table and kitchen articles	23	31	33	36	32	34	35	34
Fine earthenware food utensils	13	19	22	23	17	27	33	33
Pottery products, n.e.c.	(NA)	26	26	26	(X)	22	21	22
Steel nails and spikes	39	51	43	37	23	28	19	19
Copper smelting and refining products ²	368	287	491	529	(B)	(B)	(B)	(B)
Zinc smelting and refining products	30	46	79	63	10	13 10	13 16	13 16
Nonferrous smelting and refining, n.e.c. ¹⁴	265	500	500	557	37	48	44	47
Textile machinery and parts ²	28	75	122	124	5	10	14	16
Sewing machines and parts ²	35	67	76	76	21	37	40	40
Motorcycles, bicycles, and parts	49	172	211	145	28	43	46	38
Watches, clocks, and parts, exc. watchcases	68	96	124	132	14	18 12	18 17	15 17
Lapidary work ¹⁰	92	149	188	197	67	67	70	67
Feathers, plumes, and artificial flowers	36	44	41	45	37	(X)	(X)	35

B Not calculated because of extensive duplication in output. NA Not available. X Not applicable.

¹ Commodities shown are mainly complementary (see source) and represent part of 4-digit SIC commodity classifications. ² Substantial volume also exported. ³ Includes manganeseiferous iron ore (less than 10 percent manganese). ⁴ Percents based on estimated output values.

⁵ Excludes refined anhydrous sulfate and salt cake (crude) technical. ⁶ Based on output which contains substantial duplication. ⁷ Excludes (distillers') grains and solubles. ⁸ Mainly jute bagging, burlaps, etc.

⁹ Excludes paper-machine coated paper. ¹⁰ Includes pharmaceuticals. ¹¹ Probably includes significant amounts of plastic footwear. ¹² Imports are for gloves in chief value of leather; percents based on output of all-leather gloves. ¹³ Excludes a significant amount of toll production. ¹⁴ Mainly platinum metals and tin.

¹⁵ Based on new supply which contains significant amount of duplication. ¹⁶ Mainly cut diamonds; output excludes captive value of lapidary work.

Source: Dept. of Commerce, Bureau of the Census; U.S. *Commodity Exports and Imports as Related to Output, 1957 and 1966*.

No. 1228. VALUE OF EXPORTS OF LEADING COMMODITIES, BY AREAS: 1968 AND 1969

[In millions of dollars. Includes silver ore and bullion]

ITEM	Total	Canada	American Republics	Western Europe ¹	Far East ²	Other areas
1968						
Total ³	34,636	8,072	4,699	11,132	6,536	4,197
Percent	100.0	23.3	13.6	32.1	18.9	12.1
Agricultural commodities:						
Grains and preparations ⁴	2,403	131	241	634	1,144	313
Fruits, nuts, and vegetables ⁴	464	208	40	144	45	27
Tobacco, unmanufactured	524	4	5	366	106	43
Soybeans	810	77	6	438	280	34
Cotton, excluding linters and waste	459	18	(2)	95	312	30
Nonagricultural commodities:						
Ores and scrap, metal	587	98	34	248	204	3
Coal, coke, and briquettes	524	154	40	154	172	4
Petroleum products	449	61	74	131	130	53
Chemicals	3,287	462	624	1,182	826	303
Machinery ^{5,6}	8,813	2,210	1,505	2,602	1,230	1,248
Agricultural machines and tractors, and parts ⁶	873	307	185	153	87	141
Other nonelectrical machinery ⁵	5,656	1,368	947	1,704	809	828
Electrical apparatus	2,284	544	373	744	344	279
Road motor vehicles ^{5,7}	3,057	2,081	429	104	109	274
Automotive parts, nonmilitary	1,529	1,203	151	70	29	76
Aircraft, civilian, and parts for all aircraft	1,004	270	219	876	212	327
Pulp, paper, and manufactures	822	108	155	337	123	104
Metals and manufactures	2,117	564	321	714	314	204
Iron and steelmill products	588	185	107	82	131	78
Textile yarn, fabrics, and made-up articles	522	124	72	168	48	110
Other (incl. "Special Category")	7,834	1,503	934	2,884	1,492	1,021
1969						
Total ³	37,988	9,138	4,869	12,370	6,988	4,623
Percent	100.0	24.0	12.8	32.6	18.4	12.2
Agricultural commodities:						
Grains and preparations ⁴	2,127	150	189	513	1,000	275
Fruits, nuts, and vegetables ⁴	639	222	30	185	64	29
Tobacco, unmanufactured	540	2	5	384	107	42
Soybeans	822	120	7	414	247	34
Cotton, excluding linters and waste	260	14	(2)	46	206	14
Nonagricultural commodities:						
Ores and scrap, metal	712	91	29	333	252	7
Coal, coke, and briquettes	636	160	55	160	244	8
Petroleum products	428	64	71	120	121	52
Chemicals	3,383	510	613	1,239	641	380
Machinery ^{5,6}	10,088	2,536	1,637	3,090	1,404	1,412
Agricultural machines and tractors, and parts ⁶	917	305	181	180	91	160
Other nonelectrical machinery ⁵	6,493	1,585	1,067	1,908	885	958
Electrical apparatus	2,678	848	389	920	428	295
Road motor vehicles ^{5,7}	3,438	2,382	433	104	116	311
Automotive parts, nonmilitary	1,756	1,376	163	87	36	94
Aircraft, civilian, and parts for all aircraft	1,797	217	169	893	237	281
Pulp, paper, and manufactures	892	116	152	373	143	108
Metals and manufactures	2,536	693	410	860	329	235
Iron and steelmill products ⁶	940	282	190	256	118	95
Textile yarn, fabrics, and made-up articles	576	135	72	175	80	114
Other (incl. "Special Category")	9,196	1,726	988	3,364	1,797	1,321

² Less than \$500,000.¹ Includes Greece and Turkey.³ Includes "Special Category."⁴ Includes shipments for relief by individuals and private agencies.⁵ Excludes "Special Category" commodities.⁶ Includes parts for tractors which, in accordance with the Schedule B classification beginning January 1965, Bureau of the Census reports under transportation equipment.⁷ Excludes parts for tractors.Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, U.S. Trade with Major World Areas, and Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 900.

No. 1229. VALUE OF IMPORTS OF LEADING COMMODITIES, BY AREAS: 1968 AND 1969

[In millions of dollars. Includes silver ore and bullion]

ITEM	Total	Canada	American Republics	Western Europe ¹	Far East ²	Other areas
1968						
General imports, total.....	33,226	9,005	4,288	10,139	6,554	3,240
Percent.....	100.0	27.1	12.9	30.5	19.7	9.8
Warehouse entries, excess of.....	160	26	12	185	8	9
Imports for consumption, total.....	33,066	8,979	4,276	10,034	6,546	3,231
Agricultural commodities:						
Meat and preparations.....	746	48	174	186	3	335
Fruits, nuts, and vegetables.....	653	29	327	120	135	33
Coffee.....	1,140	-	769	(z)	41	330
Sugar.....	640	(z)	393	1	160	86
Nonagricultural commodities:						
Alcoholic beverages.....	626	157	4	459	3	3
Pulp, paper, and manufactures.....	1,414	1,284	3	99	20	8
Ores and scrap, metal.....	1,008	485	220	19	26	268
Petroleum, crude and partly refined.....	1,310	433	514	3	52	309
Petroleum products.....	1,032	19	450	94	(z)	469
Chemicals.....	1,129	289	74	523	103	140
Machinery ³	3,772	932	53	1,704	1,066	17
Transport equipment ³	4,215	2,352	2	1,527	330	4
Automobiles, new.....	2,782	1,349	(z)	1,239	104	-
Iron and steelmill products ⁴	1,962	192	45	884	815	28
Nonferrous base metals.....	1,812	629	325	484	224	160
Textile yarn, fabrics, and made-up articles.....	963	22	31	324	548	38
Fish, including shellfish.....	631	162	122	75	135	137
Other agricultural and nonagricultural imports.....	10,173	1,973	782	3,628	2,893	897
1969						
General imports, total.....	36,052	10,390	4,214	10,140	7,928	3,380
Percent.....	100.0	28.8	11.7	28.1	22.0	9.4
Warehouse entries, excess of.....	182	45	44	7	86	14
Imports for consumption, total.....	35,870	10,345	4,170	10,147	7,842	3,360
Agricultural commodities:						
Meat and preparations.....	864	52	185	210	3	414
Fruits, nuts, and vegetables.....	662	32	361	107	118	44
Coffee.....	804	-	614	(z)	35	245
Sugar.....	638	-	378	2	168	90
Nonagricultural commodities:						
Alcoholic beverages.....	648	183	4	453	4	4
Pulp, paper, and manufactures.....	1,588	1,453	4	95	26	10
Ores and scrap, metal.....	1,013	406	273	17	31	286
Petroleum, crude and partly refined.....	1,445	528	472	8	66	371
Petroleum products.....	1,115	24	445	118	5	523
Chemicals.....	1,232	310	53	538	134	197
Machinery ³	4,571	1,088	108	1,868	1,481	26
Transport equipment ³	5,198	3,112	4	1,538	539	5
Automobiles, new.....	3,355	1,927	(z)	1,228	301	-
Iron and steelmill products ⁴	1,724	147	36	741	772	28
Nonferrous base metals.....	1,374	545	282	222	233	92
Textile yarn, fabrics, and made-up articles.....	1,019	18	35	321	609	36
Fish, including shellfish.....	692	178	143	89	148	134
Other agricultural and nonagricultural imports.....	11,375	2,314	817	3,813	3,556	875

¹ Represents zero. ² Less than \$500,000. ³ Includes Greece and Turkey.⁴ Asia, excluding Near East and Communist areas. ⁵ Machinery includes, and transport equipment excludes, parts for tractors. Bureau of the Census reports tractor parts with transport equipment. ⁶ Excludes pig iron.Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, U.S. Trade with Major World Areas, and Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 990.

Imports

787

No. 1230. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1941 TO 1969

[For 1941–1947, coffee and tea data include trade between the conterminous U.S. and Alaska, Hawaii, and outlying areas. Effective April 1948, compilation of data on trade between the conterminous U.S. and Alaska and Hawaii was discontinued. Beginning 1950, all coffee on green coffee basis; and, beginning 1960, exports and reexports include roasted and soluble coffee.]

YEARLY AVERAGE OR YEAR	COFFEE					TEA		COCOA AND CHOCOLATE ³	
	Imports		Exports ¹	Net imports per capita ²	Average import price	Net imports	Value	Imports	Value
	Quantity	Value							
1941–1945	Mil. lb.	Mil. dol.	Mil. lb.	Pounds	Cents per lb.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
1945–1950	2,301	266	12	16.63	11.5	81	26	509	39
1950–1955	2,673	732	44	18.08	27.6	89	30	627	143
1955–1960	2,606	1,410	28	16.24	54.6	101	50	630	220
1960–1965	2,362	1,217	36	15.80	43.0	105	51	618	179
1961–1965	3,067	1,042	93	15.62	34.1	126	58	813	159
1965–	2,442	1,002	17	16.48	44.6	113	53	712	176
1966–	2,602	1,357	36	15.41	52.6	104	64	605	224
1967–	2,943	1,003	84	15.92	34.4	114	55	677	172
1968–	2,844	1,060	88	14.95	37.6	130	57	934	146
1969–	2,918	1,087	79	14.68	36.6	133	57	868	149
1970–	2,819	903	69	14.74	34.2	143	58	810	184
1971–	3,357	1,140	76	14.81	33.9	155	61	782	184
1972–	2,676	894	67	14.19	33.6	140	53	670	217

¹ Prior to 1960, includes reexports only.

² Based on total population including Armed Forces abroad as estimated by Bureau of the Census.

³ Includes prepared, except confectionery.

Source: Dept. of Commerce, Business and Defense Services Administration and Bureau of the Census; *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States, Highlights of U.S. Export and Import Trade*, Report FT 990, and unpublished data.

No. 1231. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1921 TO 1969

[Beginning 1961, includes uranium, thorium, and related products; beginning 1968, includes silver ores and bullion. For basis of dollar values and for area coverage, see text, p. 763. See also *Historical Statistics, Colonial Times to 1957*, series U 15–20.]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated ¹	RATIO OF DUTIES TO VALUES		Amount duties per capita ²
	Total	Free	Dutiable	Percent free		Total imports	Dutiable imports	
1921–1925	Mil. dol.	Mil. dol.	Mil. dol.		Mil. dol.	Percent	Percent	Dollars
1925–1930	3,423	2,089	1,334	61	479	14	36	4.22
1930–1935	4,020	2,646	1,375	66	551	14	40	4.52
1935–1940	1,704	1,078	626	63	314	18	50	2.46
1940–1945	2,440	1,476	964	61	365	15	38	2.76
1945–1950	3,476	2,294	1,182	66	380	11	32	2.72
1950–1955	6,584	3,843	2,741	58	439	7	16	2.94
1955–1960	10,784	5,975	4,809	55	582	5	12	3.58
1960–1965	13,570	5,843	7,727	43	882	7	11	4.98
1961–1965	17,567	6,570	10,990	37	1,300	7	12	6.78
1966–	8,743	4,767	3,976	55	522	6	13	3.38
1967–	11,337	6,037	5,300	53	633	6	12	3.76
1968–	14,650	5,780	8,870	39	1,084	7	12	5.92
1969–	18,600	7,021	11,579	38	1,339	7	12	6.88
1970–	21,288	7,434	13,848	35	1,648	8	12	8.33
1971–	25,380	9,344	16,016	37	1,920	8	12	9.62
1972–	26,733	10,215	16,518	38	2,016	8	12	9.99
1973–	33,066	12,342	20,724	37	2,341	7	11	11.48
1974–	35,870	13,017	22,853	36	2,551	7	11	12.39

¹ 1947–1959 data from Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

² Beginning 1940, based on estimated population including Armed Forces abroad as of July 1.

Source: Dept. of Commerce, Bureau of the Census (except as noted); *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States, Highlights of U.S. Export and Import Trade*, Report FT 990, and unpublished data.

EXPORTS AND IMPORTS OF MERCHANTISE, BY CONTINENT, AREA, AND COUNTRY: 1955 TO 1969

in millions of dollars. Beginning 1965, includes uranium, thorium, and related products U-167-79, for selected countries.

GENERAL IMPORTS										
CONTINENT, AREA, AND COUNTRY		EXPORTS, DOMESTIC AND FOREIGN ¹								
		1955	1960	1965	1967	1968	1969	1955	1960	1965
Total ²		15,547	20,575	27,478	31,526	34,636	37,988	11,384	14,654	21,366
Developed countries ³		9,764	13,350	18,315	21,371	23,666	26,457	5,748	8,605	14,067
Developing countries ⁴		5,777	7,131	9,023	9,960	10,755	11,282	5,767	5,965	7,145
Communist areas in Europe and Asia		7	194	140	195	215	249	566	584	1,142
Africa		642	793	1,229	1,182	1,269	1,392	619	534	878
Australia and Oceania		2,581	4,186	6,012	7,146	7,582	8,265	2,721	4,523	5,348
Europe		5,126	7,398	9,364	10,298	11,347	12,610	2,453	4,268	6,292
North America		5,160	5,006	7,742	9,529	10,673	11,000	4,038	4,429	6,579
South America		1,743	2,177	2,354	2,739	2,814	2,224	2,435	2,624	2,661
Regional Areas and Countries		6,903	7,684	9,917	11,883	13,411	14,714	6,262	6,864	9,203
Western Hemisphere		3,810	6,643	7,165	8,072	9,138	2,653	2,901	4,832	7,107
Canada		3,404	3,577	3,788	4,124	4,699	4,869	3,323	3,675	3,851
20 Latin American countries		3,315						3,528	3,675	4,288
Central American Common Market		229	216	341	357	366	353	210	279	300
Costa Rica		445	61	64	74	77	72	35	57	70
El Salvador		48	43	61	61	61	61	62	62	54
Guatemala		35	35	54	54	59	53	52	53	54
Honduras		42	30	68	70	62	59	26	34	36
Nicaragua		2,449	2,978	3,224	3,509	4,059	4,203	2,508	2,888	3,205
Latin American Free Trade Association		155	359	230	281	378	1,261	1,281	1,222	1,140
Argentina		273	464	548	547	555	553	411	495	531
Bolivia		99	203	237	248	307	315	672	633	570
Brazil		354	263	198	218	319	303	422	299	277
Chile		51	57	80	98	98	98	53	65	106
Colombia		719	831	1,108	1,222	1,378	1,450	397	443	638
Ecuador		155	9	19	25	25	23	4	8	11
Mexico		40	147	282	285	197	168	111	183	241
Panama		577	567	626	587	655	708	576	948	1,018
Uruguay		637	383	222	258	275	313	422	510	191
Venezuela		433	42	76	(2)	(2)	(2)	357	357	231
Other Latin America		64	92	76	97	115	115	110	111	134
Dominican Republic		22	25	25	25	25	25	62	62	156
Paraguay		78	90	126	126	126	126	20	20	20

Trade Destination and Origin

789

Other Western Hemisphere	184	297	487	594	640	707	784	855
Bahamas	15	49	107	153	165	179	206	306
Barbados	2	6	9	15	15	18	7	8
Bermuda	16	32	44	57	63	71	1	2
British Honduras	4	5	8	8	9	9	7	8
French West Indies	2	4	11	13	13	13	7	8
Iceland	(2)	1	1	1	1	(Z)	3	2
Jamaica	6	12	20	27	23	22	28	34
Leeward and Windward Islands	23	48	87	126	147	176	144	151
Netherlands Antilles	3	6	13	18	18	21	2	4
Peru	65	65	75	78	89	99	265	311
Surinam	7	7	18	36	37	32	39	331
Trinidad and Tobago	15	25	36	75	60	61	36	56
Venezuela	18	1	1	4	3	2	5	7
Western Europe	5,119	7,204	9,224	10,102	11,132	12,370	2,397	4,187
Organisation for Economic Co-operation and Development (OECD) ⁴	4,872	6,983	9,065	9,994	11,031	12,274	2,321	4,092
European Economic Community	2,614	3,974	5,252	5,643	6,127	6,981	2,263	3,322
Belgium and Luxembourg	407	650	704	823	960	1,138	364	484
France, West	536	689	971	1,025	1,095	1,195	202	386
Germany, Federal	607	1,272	1,650	1,706	1,769	2,118	366	615
Netherlands	473	715	891	973	1,121	1,292	180	597
Norway	581	817	1,088	1,235	1,380	1,447	213	251
Portugal	11	4	2	(X)	(X)	(Z)	1	(X)
Trieste, Free Territory of	1,697	2,486	2,877	3,335	3,877	4,020	1,039	1,609
Austria	56	80	58	50	56	56	34	49
Denmark	97	146	209	205	207	205	58	98
Finland	(4)	108	76	59	52	76	(Y)	(Y)
Iceland	129	46	140	163	156	198	61	66
Ireland	69	46	75	75	87	78	27	35
Switzerland	165	322	336	393	441	477	147	170
Sweden	166	263	369	430	595	605	616	616
Other OECD countries	1,006	1,487	1,615	1,960	2,289	2,335	616	983
Special Category ⁵	8	5	(X)	(X)	(X)	(X)	(X)	(X)
Other OECD countries	561	643	936	1,017	1,026	1,268	154	220
Austria	120	103	172	143	142	255	26	33
Denmark	17	43	18	24	13	11	7	10
Finland	42	43	69	77	87	118	6	28
Iceland	182	208	472	521	560	597	607	607
Spain	202	218	505	552	580	633	657	657

✓ Not applicable 2. Less than \$500 000

Less than \$600,000; 2. Less than \$600,000;

For 1955 and 1960, reflects declassification of
T-1, T-2, T-3, T-4, T-5, T-6.

July 28, 1965, and January 5, 1968, respectively; area and country totals reflect

JULY 1964 VOL 61 / NO 7 • 100

¹ Includes estimates for low-valued shipments from countries which could not be

entified because of illegible reporting on impo

Developed countries include Canada, Western Europe, Japan, Australia, New Zealand, South Africa, and the United States.

GOVERNMENT OF SOUTH AFRICA: DEVELOPMENTAL LAND AND RURAL SERVICES

A government of countries general follows
the example of the United States, and
the example of the United States follows
the example of the United Kingdom.

EUROPEAN UNION ASIA.

At the United Nations.

⁴ Finland included in Other Western Europe for 1955 and 1960 and in European Free Trade Association (EFTA) and Organisation for Economic Co-operation and Develop-

Economic Co-operation and Development

ment (OE CB) thereafter.

^a Excludes Special Category exports, if any, for 1955 and 1960; includes Special Category

⁶ Exports, if any, thereafter. See footnote 6.

⁶ For security reasons, exports of Special Category commodities are excluded from

Nomination of the United States: October 1969 issue of Report No. FT 990; and January

for further explanation and lists of special categories.

THE JOURNAL OF POLITICAL EXPEDITION

ECONOMIC GROWTH AND INSTITUTIONS

No. 1232. U.S. Exports and Imports of Merchandise, by Continent, Area, and Country: 1955 to 1969—Continued
 [In millions of dollars. Beginning 1955, includes uranium, thorium, and related products; beginning 1958, includes silver ore and bullion. See *Historical Statistics, Colonial Times to 1957*, series U 116-179, for selected countries]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹					GENERAL IMPORTS				
	1955	1960	1965	1967	1968	1955	1960	1965	1967	1968
Western Europe—Continued										
Other Western Europe ⁴	246	221	168	108	102	96	76	65	91	107
Finland ⁵	42	57	(*)	96	90	44	52	(*)	86	(*)
Yugoslavia	108	88	149	11	11	86	26	61	103	102
Other and Special Category ⁶	6	76	9	11	11	10	6	3	5	3
Communist areas in Europe	7	194	140	195	215	249	56	81	137	177
Bulgaria	(*)	5	4	4	4	5	(*)	12	2	3
Czechoslovakia	(*)	2	12	19	14	14	12	17	26	24
Germany, East	(*)	4	26	29	32	6	3	7	6	8
Hungary	1	9	8	11	7	2	2	2	4	4
Poland	3	143	36	61	82	53	27	39	66	97
Romania	(*)	1	6	17	17	32	(*)	1	2	6
Union of Soviet Socialist Republics	(*)	39	45	60	58	106	17	23	43	58
Other	—	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	52
Asia	2,581	4,186	6,012	7,146	7,652	8,265	1,876	2,721	4,528	5,348
Communist areas in Asia	—	—	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2
Japan	683	1,447	2,080	2,692	3,490	4,354	1,149	2,414	2,999	4,054
Near East Asia	1,898	2,739	3,932	4,451	4,928	4,776	1,570	2,110	2,347	3,885
Bahrain	404	532	831	894	1,046	1,277	288	313	376	346
Iran	9	8	10	14	12	11	1	3	3	9
Iraq	84	156	195	246	280	352	34	51	88	87
Israel	43	37	49	29	16	15	32	27	20	7
Jordan	92	130	224	196	278	457	17	27	62	87
Kuwait	7	20	27	29	24	70	(*)	(*)	(*)	117
Lebanon	16	41	66	110	109	76	95	124	47	22
Saudi Arab. Rep.	43	45	75	55	82	90	3	3	6	7
Syrian Arab Republic	84	46	137	169	187	154	58	65	106	58
Other	22	38	13	11	6	12	12	7	2	3
East and South Asia	4	1	35	34	52	41	16	4	41	23
Afghanistan ⁷	1,495	2,207	3,100	3,558	3,832	3,498	1,165	1,258	1,735	2,054
Burma ⁸	5	10	14	9	13	12	9	14	20	11
Cambodia	(*)	9	2	2	2	4	(*)	1	1	(*)
Ceylon ⁸	8	14	10	21	28	36	7	2	2	2
China (Taiwan)	361	277	234	323	387	398	6	39	33	31
Hong Kong	61	126	191	235	304	363	15	20	93	270
India ¹	194	650	928	955	1,117	1,221	221	139	343	388
Indonesia ¹	83	100	42	68	167	201	212	165	348	312
Korea, Republic of ¹	145	231	274	414	510	639	6	510	171	291

No. 1283. VALUE OF IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, FROM SELECTED AREAS AND COUNTRIES: 1968 AND 1969
 [1968 excludes and 1969 includes imports of silver ore and bullion]

AREA AND COUNTRY OF ORIGIN	1968			1969		
	Free (mill. dol.)	Dutiable (mill. dol.)	Percent free	Free (mill. dol.)	Dutiable (mill. dol.)	Percent free
Total imports	12,267	20,725	37	13,062	22,809	36
Developed countries ¹	8,206	15,702	34	9,288	17,127	35
Developing countries ¹	4,005	4,888	45	3,782	5,520	41
Communist areas in Europe and Asia	55	144	28	41	152	21
Unidentified countries	1	10	7	1	11	11
Western Hemisphere	8,607	5,435	61	9,555	5,912	62
Canada	6,008	2,822	68	7,217	3,128	70
20 Latin American Republics	2,119	2,150	50	1,930	2,240	48
Central American Common Market ²	239	95	71	264	108	70
Latin American Free Trade Association ³	1,756	1,018	48	1,548	1,990	44
Argentina	65	139	32	40	115	26
Brazil	500	171	75	433	181	70
Chile	195	9	95	142	10	04
Colombia	184	80	70	155	86	64
Mexico	272	599	31	259	753	26
Peru	230	127	64	200	92	69
Venezuela	220	729	23	245	696	26
Dominican Republic	47	110	30	52	114	31
Jamaica	105	33	76	123	28	81
Trinidad and Tobago	72	141	34	74	155	32
Netherlands Antilles	98	238	29	104	202	26
Europe	1,648	8,578	16	1,525	8,813	15
Western Europe	1,593	8,436	16	1,485	8,663	15
OECD countries ⁴	1,578	8,344	16	1,480	8,565	15
European Economic Community	715	5,184	12	577	5,210	10
Belgium and Luxembourg	173	593	23	95	584	14
France	168	673	19	166	682	19
Italy	82	1,014	7	84	1,120	7
Netherlands	105	349	23	98	367	21
West Germany	198	2,505	7	145	2,458	6
European Free Trade Association ⁵	795	2,709	23	837	2,826	23
Denmark	24	197	11	22	234	9
Finland	62	60	51	49	70	41
Norway	54	102	34	57	92	38
Sweden	37	352	10	32	323	9
Switzerland	62	375	14	66	387	15
United Kingdom	555	1,468	28	598	1,534	28
Communist areas in Europe ⁶	55	142	28	41	150	21
Asia	970	5,937	14	1,006	7,180	12
Japan	120	3,915	3	137	4,712	3
Near East Asia ⁷	78	277	22	65	277	19
Iran	24	59	29	26	61	30
Israel	12	104	10	11	117	0
South Asia ⁸	148	271	35	130	315	31
India	94	218	30	93	251	26
Pakistan	18	45	29	14	59	19
Asia, not elsewhere classified ⁹	616	1,472	29	664	1,875	26
China (Taiwan)	10	258	4	12	374	3
Indonesia	120	56	68	127	87	66
Malaysia	225	15	94	282	24	92
Philippines	131	320	29	82	310	21
Thailand	73	8	90	81	11	88
Communist areas in Asia ¹⁰	(2)	3	4	(Z)	2	10
Australia and Oceania ¹¹	220	466	32	264	559	32
Australia	130	350	27	170	415	29
New Zealand and Western Samoa	75	110	41	76	138	36
Africa	821	299	73	710	334	68
Congo	32	10	75	28	7	80
Ghana	51	27	65	63	6	91
Nigeria	28	8	77	27	44	38
South Africa, Republic of	184	70	73	172	72	71
United Arab Republic	1	31	2	1	37	2

^Z Less than \$500,000. ¹ Developed countries include Australia, Canada, Japan, New Zealand, Republic of South Africa, and Western Europe; developing countries include rest of the world excluding Communist areas in Asia and Europe. ² Guatemala, El Salvador, Honduras, Nicaragua, and Costa Rica.

³ Includes other countries not shown separately. ⁴ Organisation for Economic Co-operation and Development.

⁵ East Germany, Czechoslovakia, Hungary, Estonia, Latvia, Lithuania, Poland, U.S.S.R., Albania, Romania, and Bulgaria. ⁶ North Vietnam, China (mainland), Outer Mongolia, and North Korea.

Source: Department of Commerce, Bureau of the Census; *Highlights of U.S. Export and Import Trade*, Report FT 900.